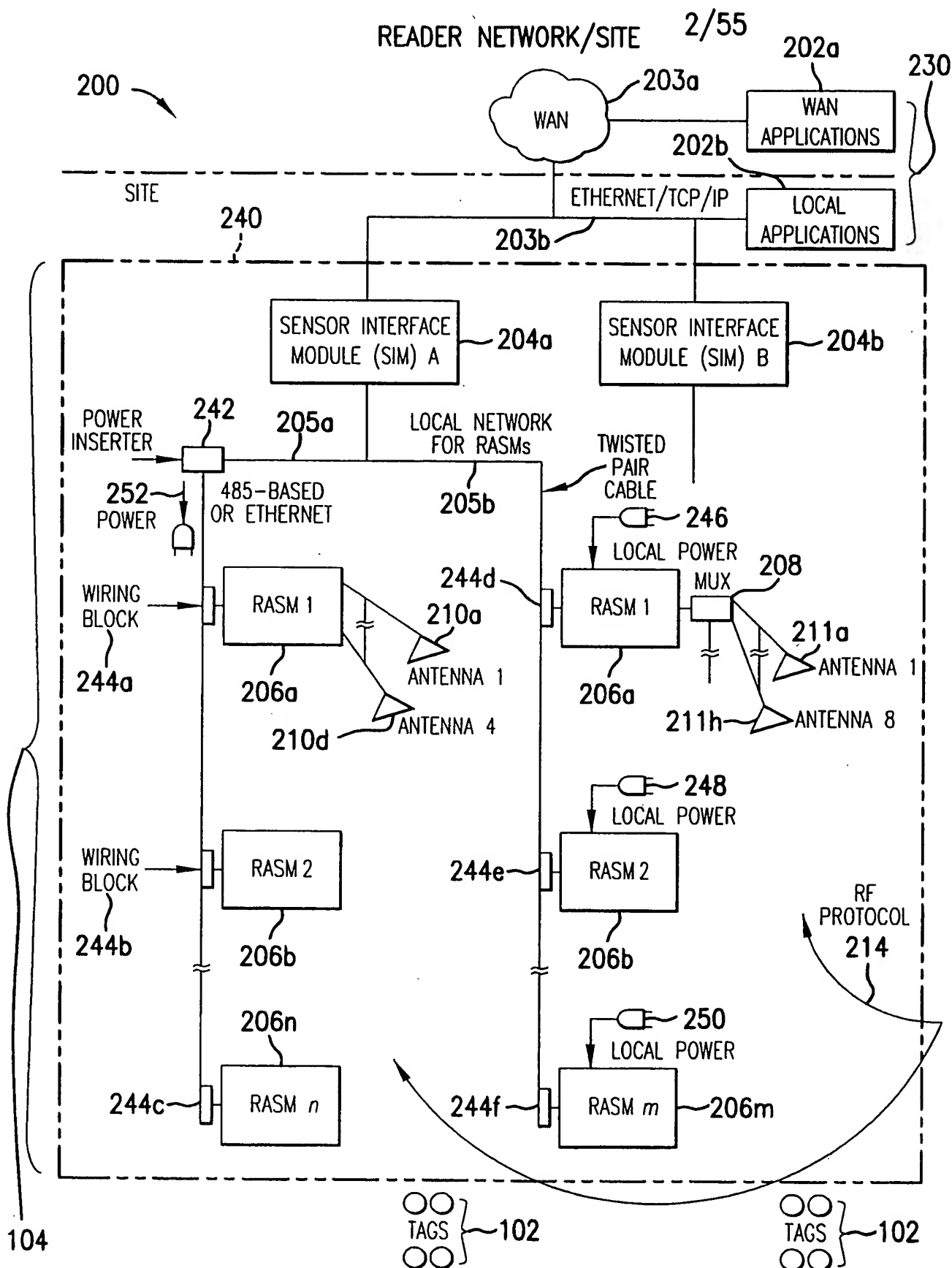


FIG. 1



**FIG. 2**

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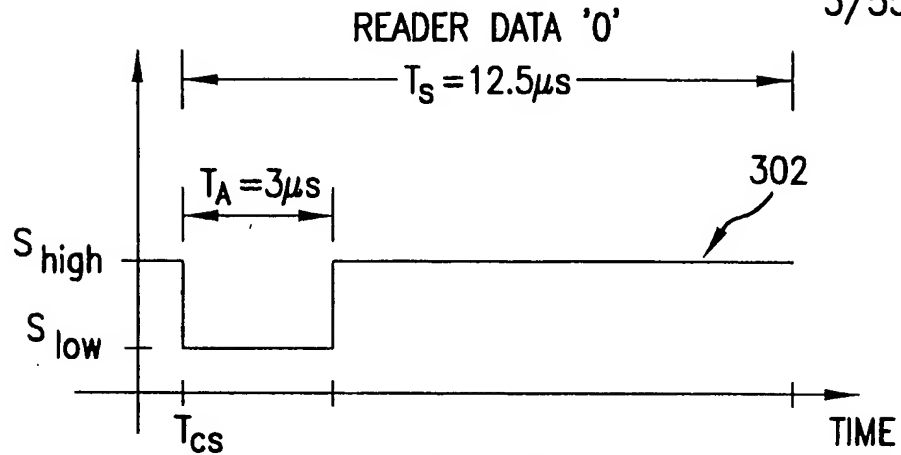


FIG. 3

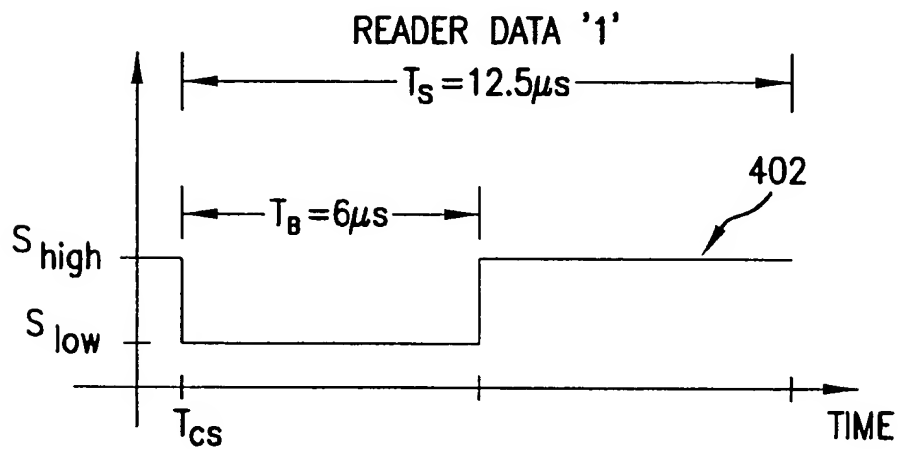


FIG. 4

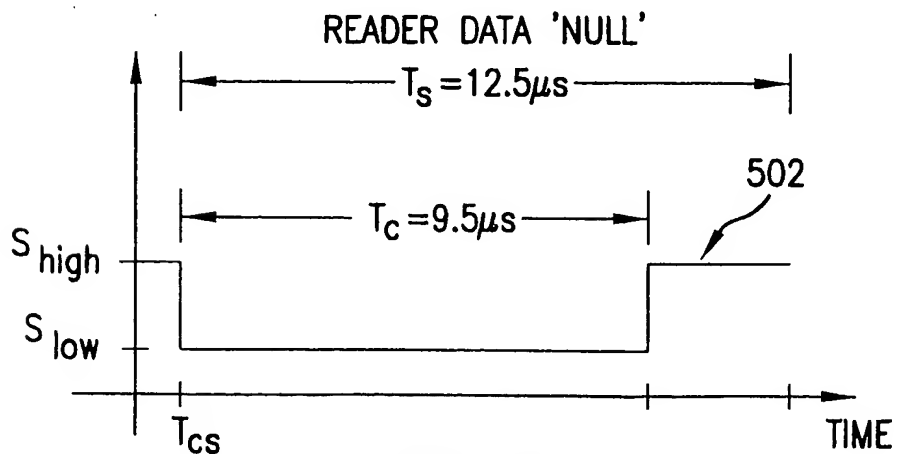


FIG. 5

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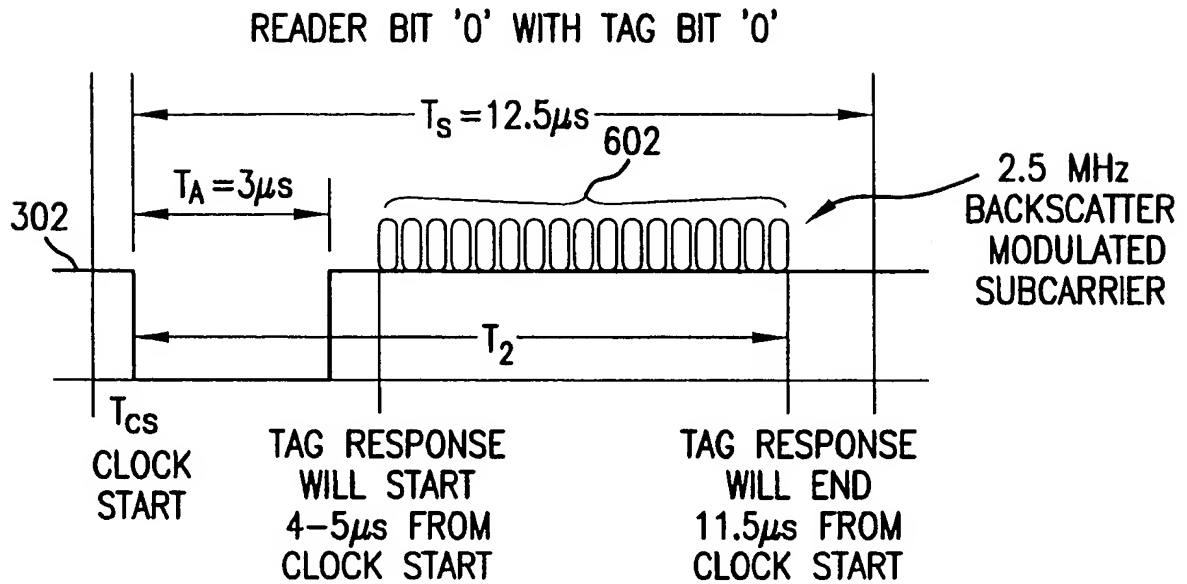


FIG. 6

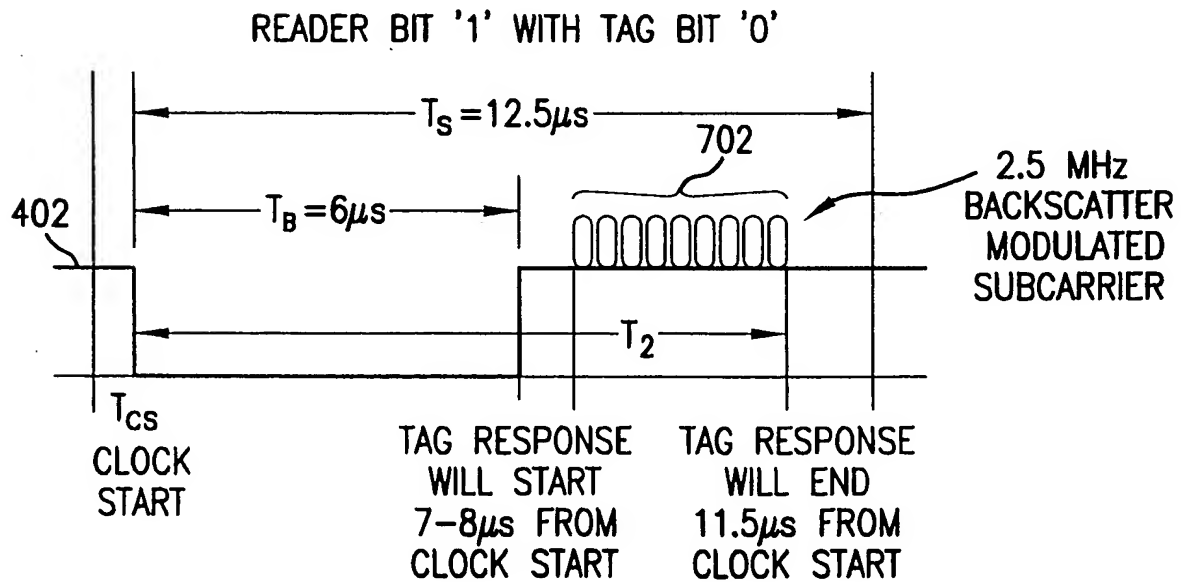


FIG. 7

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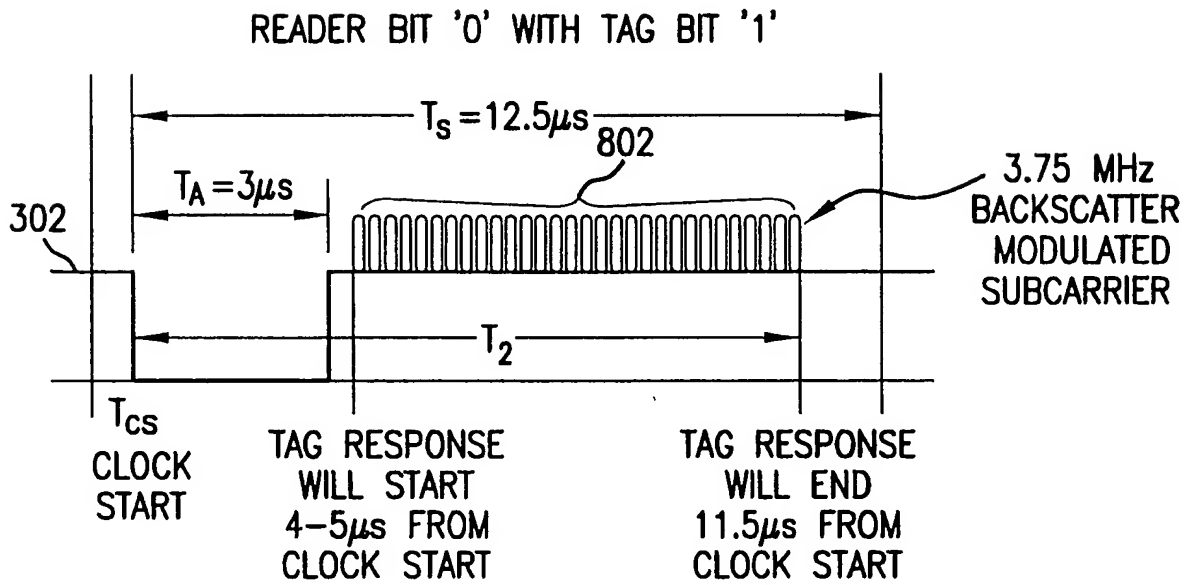


FIG. 8

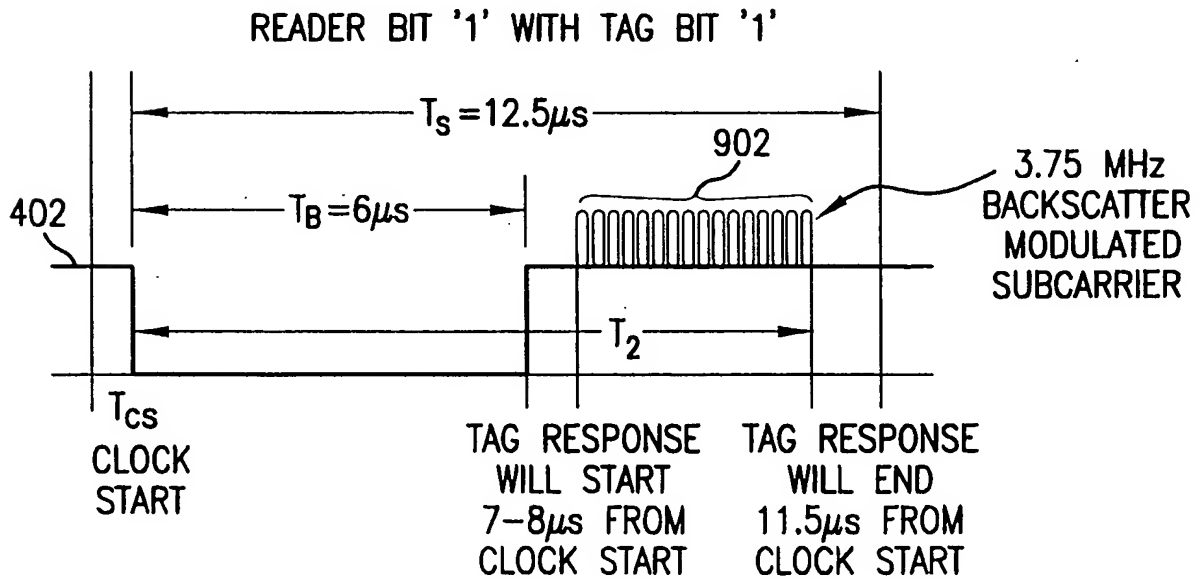


FIG. 9

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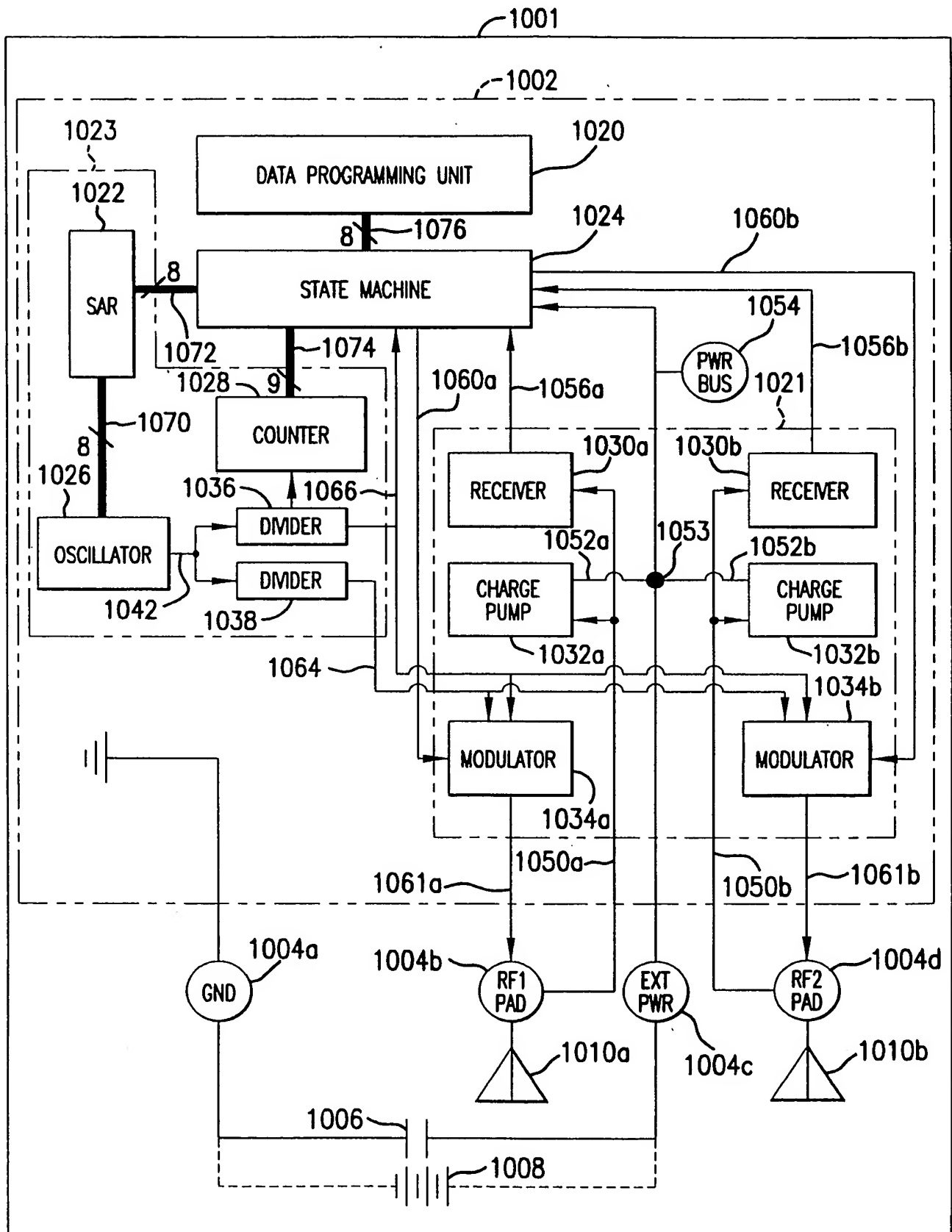


FIG. 10

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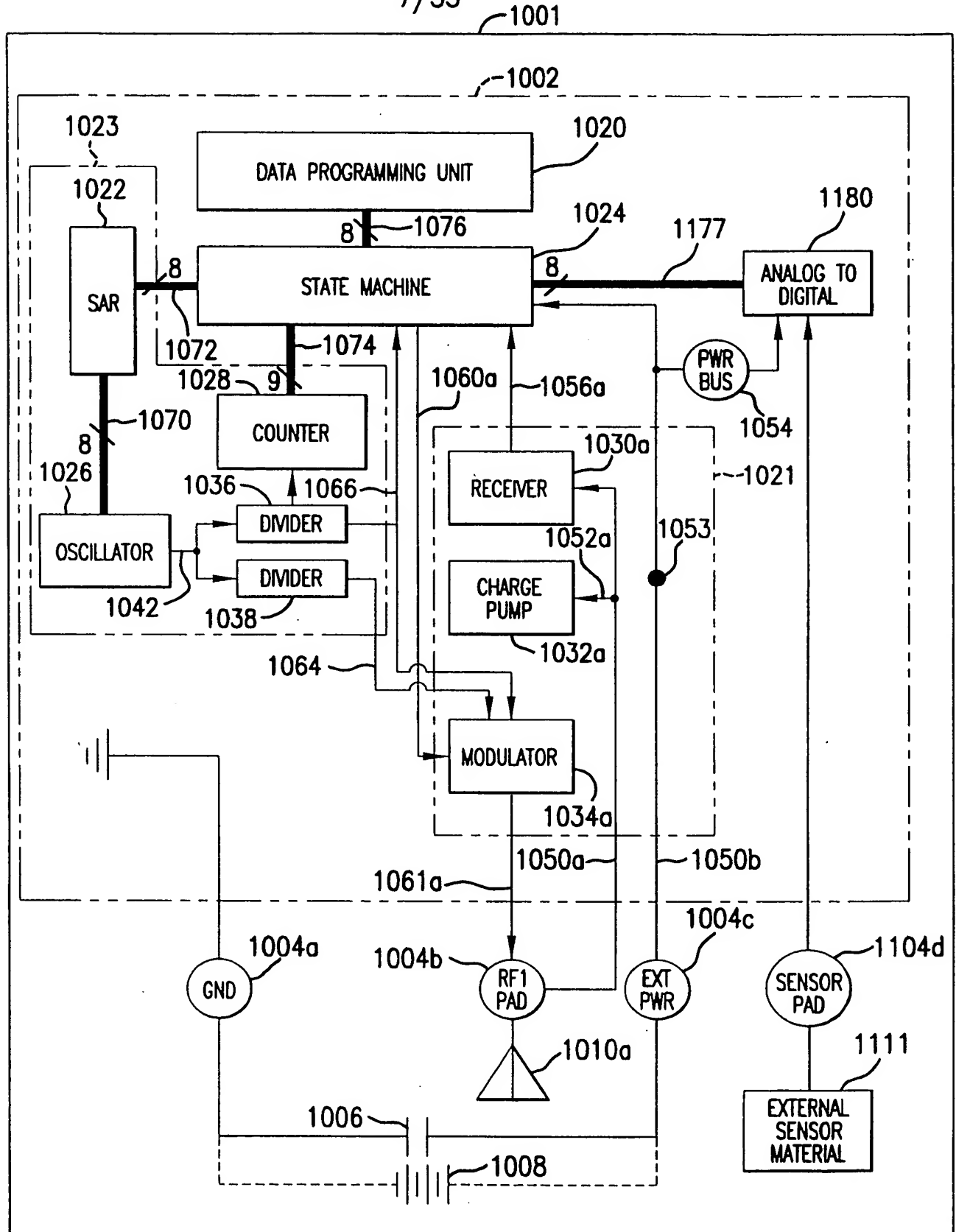


FIG. 11

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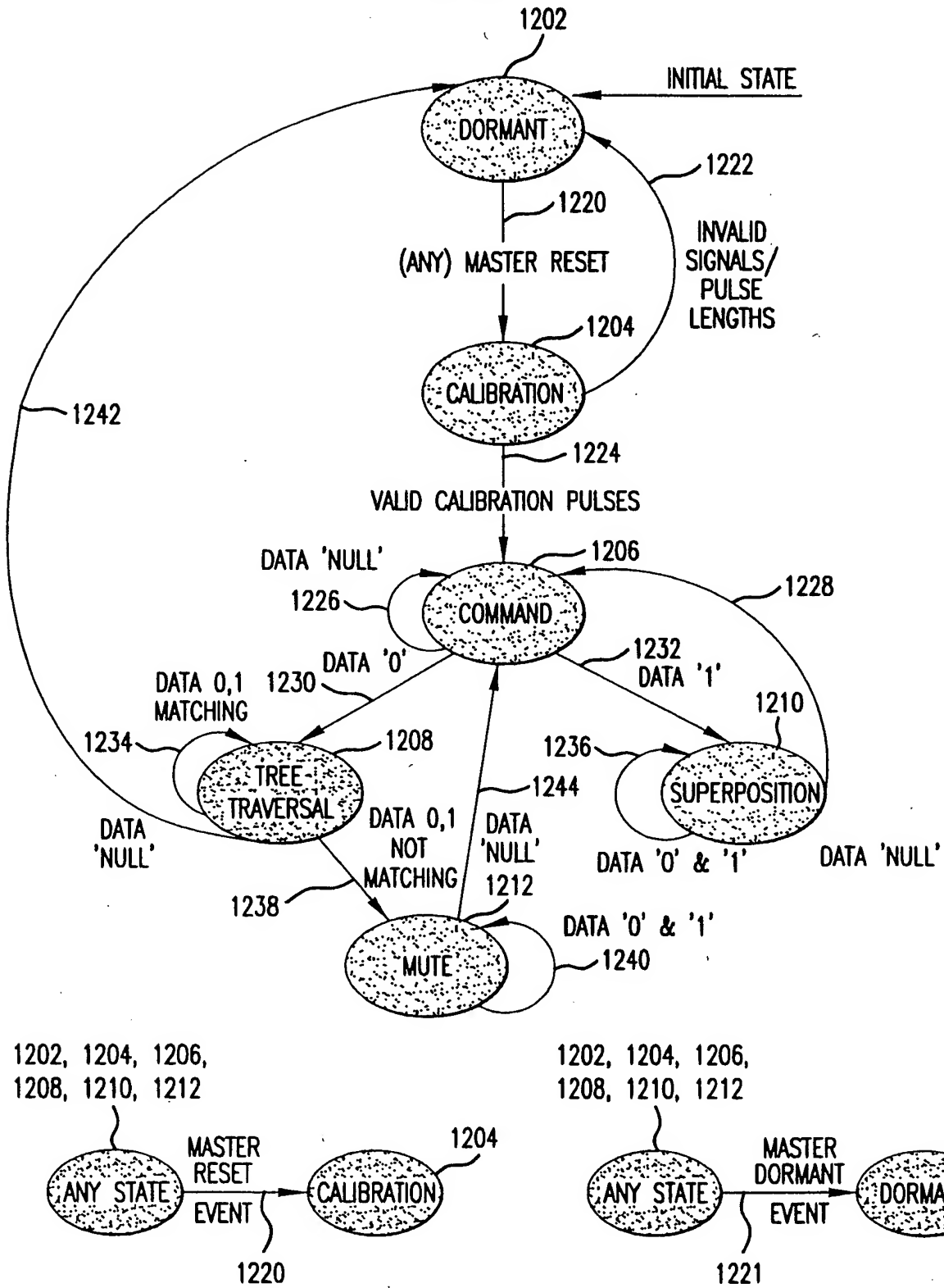


FIG. 12A



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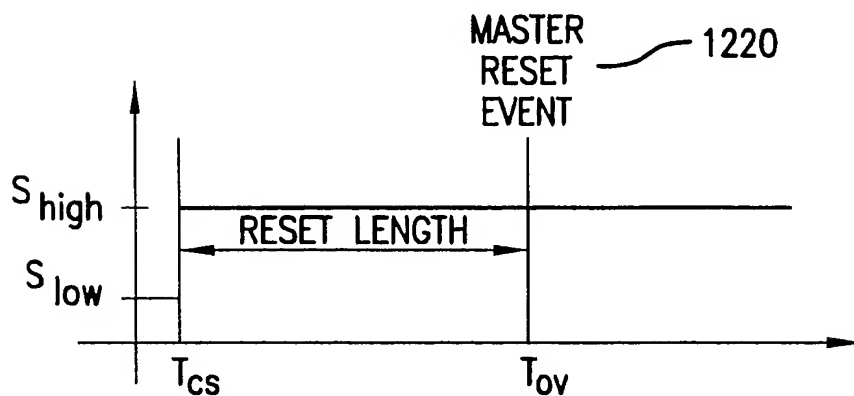


FIG. 12B

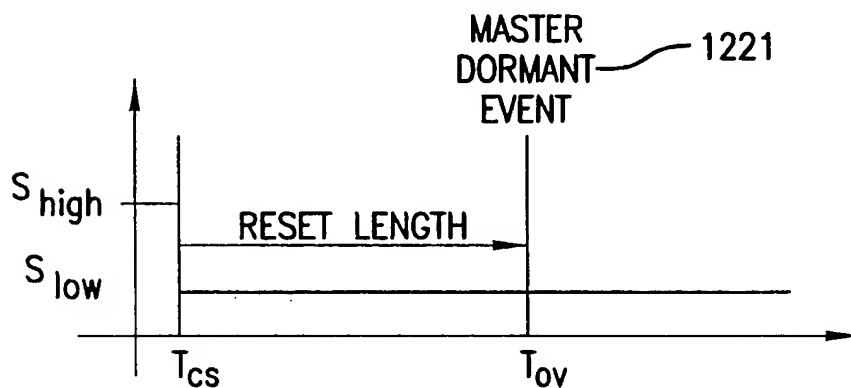


FIG. 12C

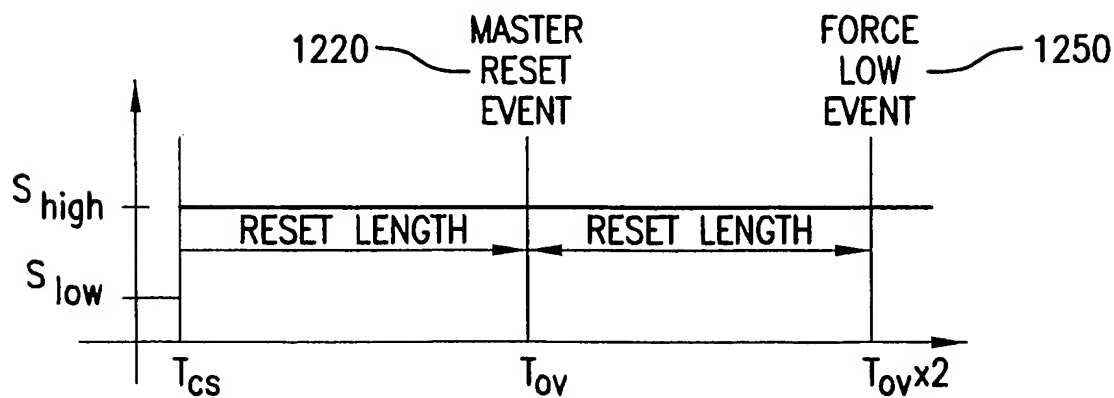
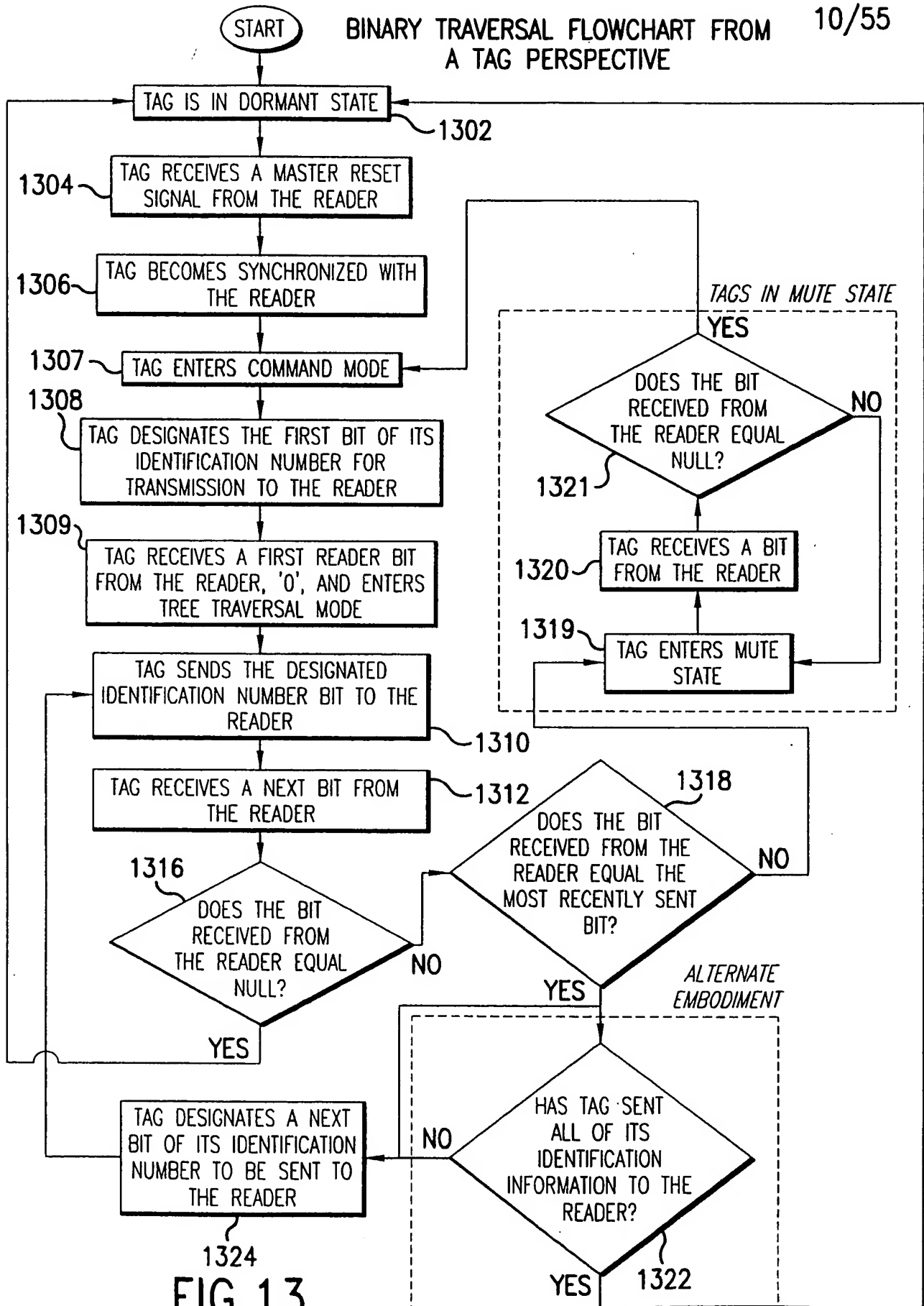


FIG. 12D



# READ SPECIFIC TAG, READER PERSPECTIVE

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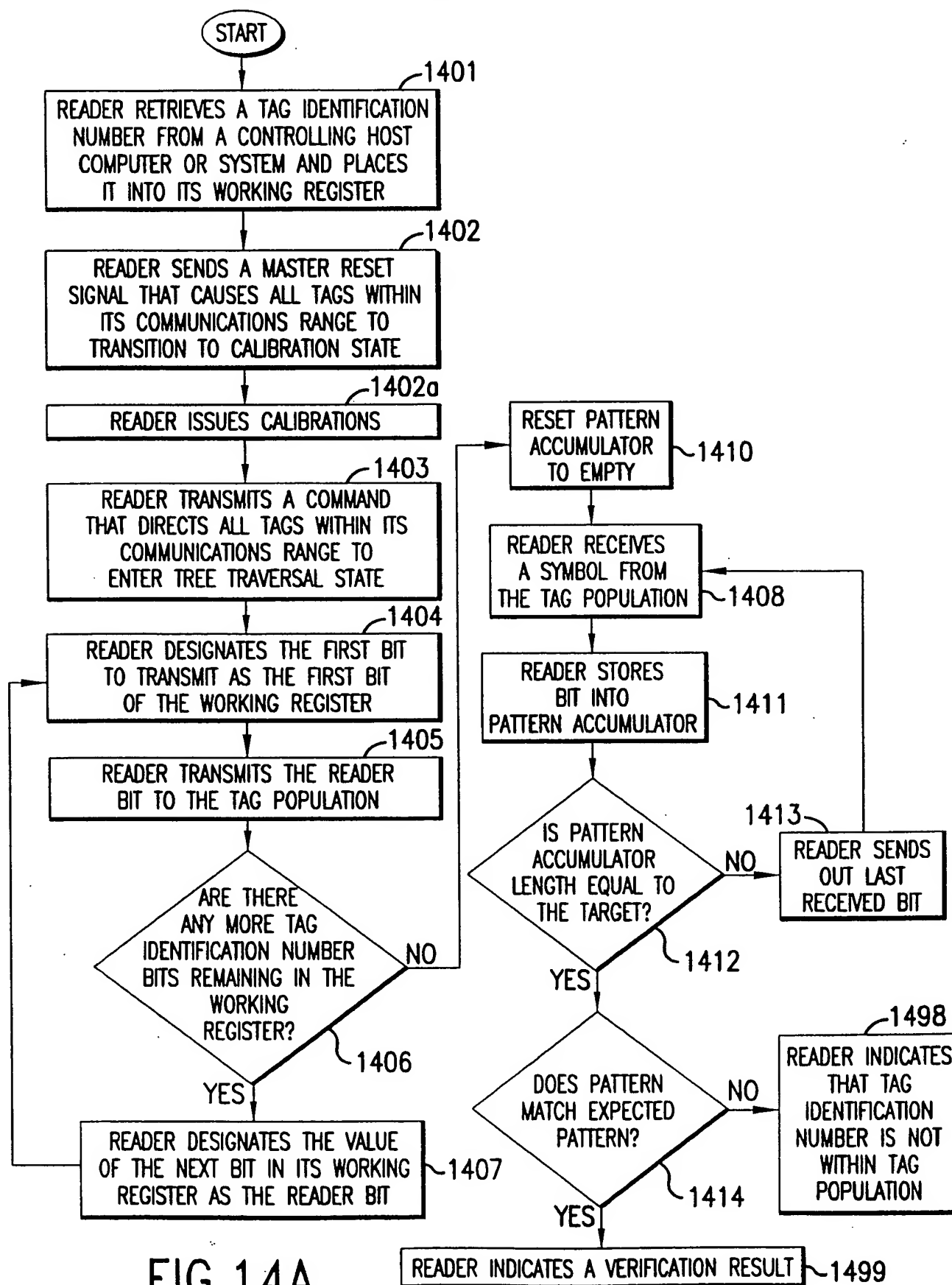


FIG.14A

READ SPECIFIC TAG, ALT., 12/55  
READER PERSPECTIVE

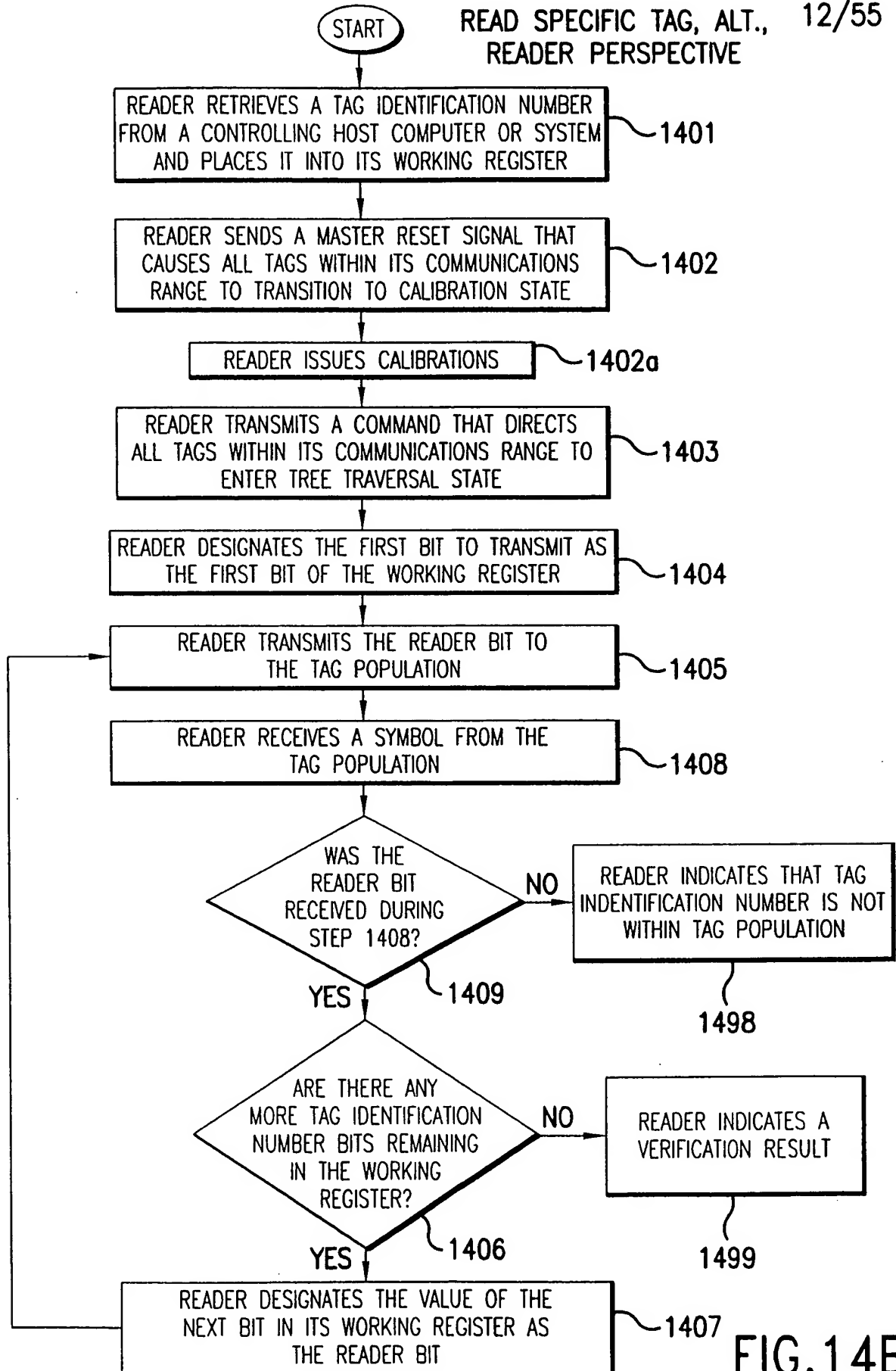


FIG. 14B

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# READ ALL TAGS, READER PERSPECTIVES

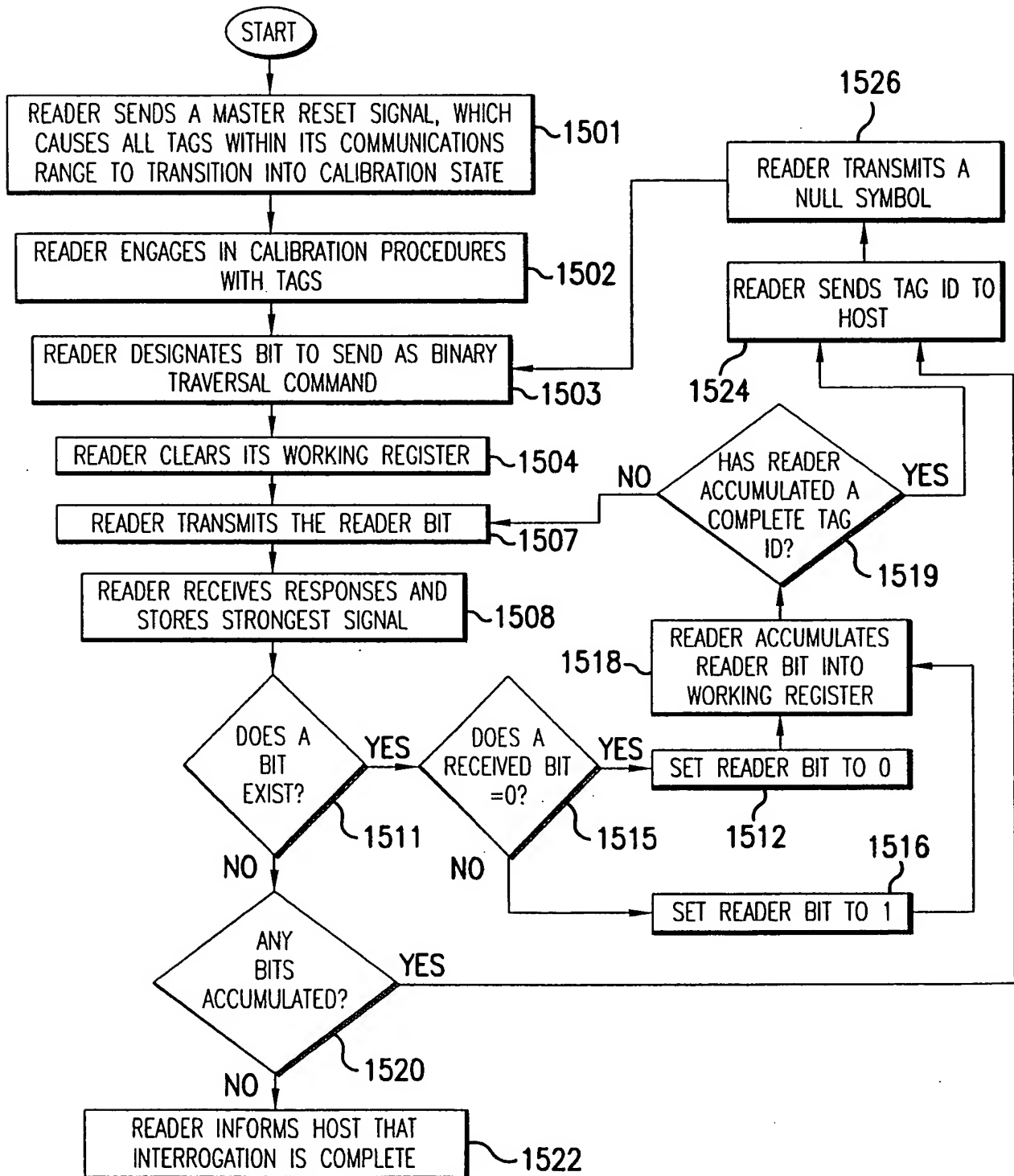


FIG.15A

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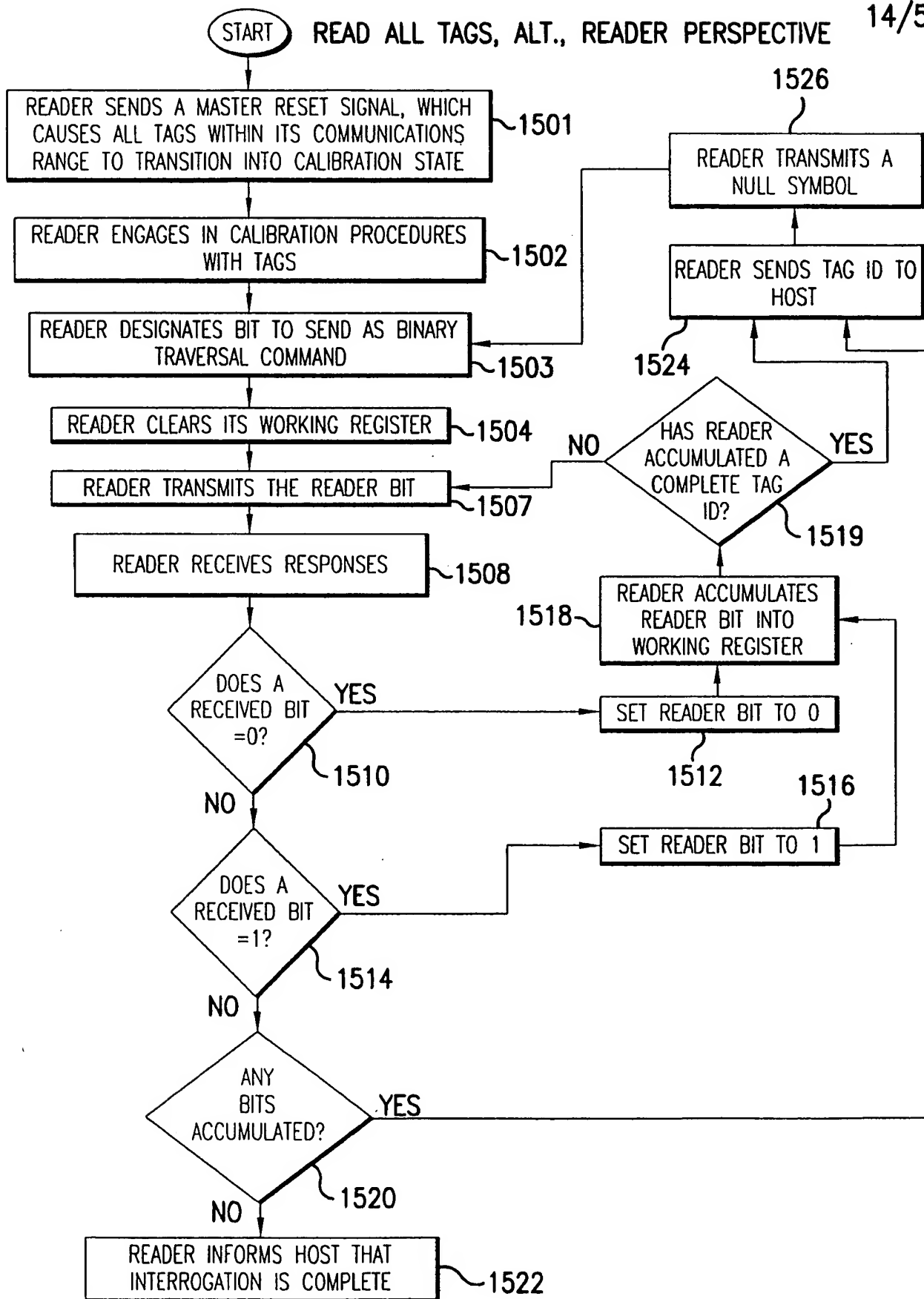


FIG.15B

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# BINARY TRAVERAL PATHS AND TREE FOR A 3-BIT TAG POPULATION

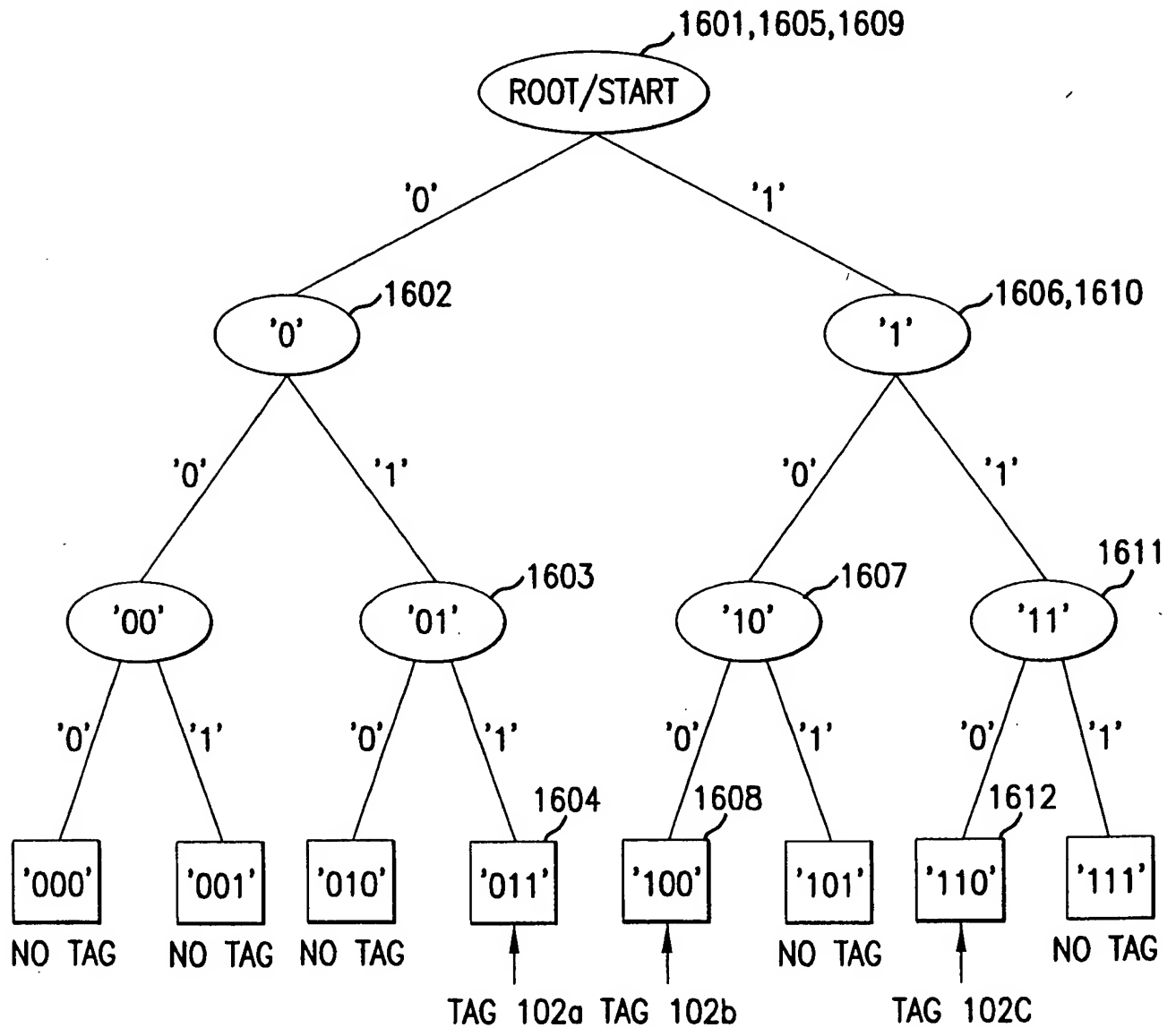


FIG. 16

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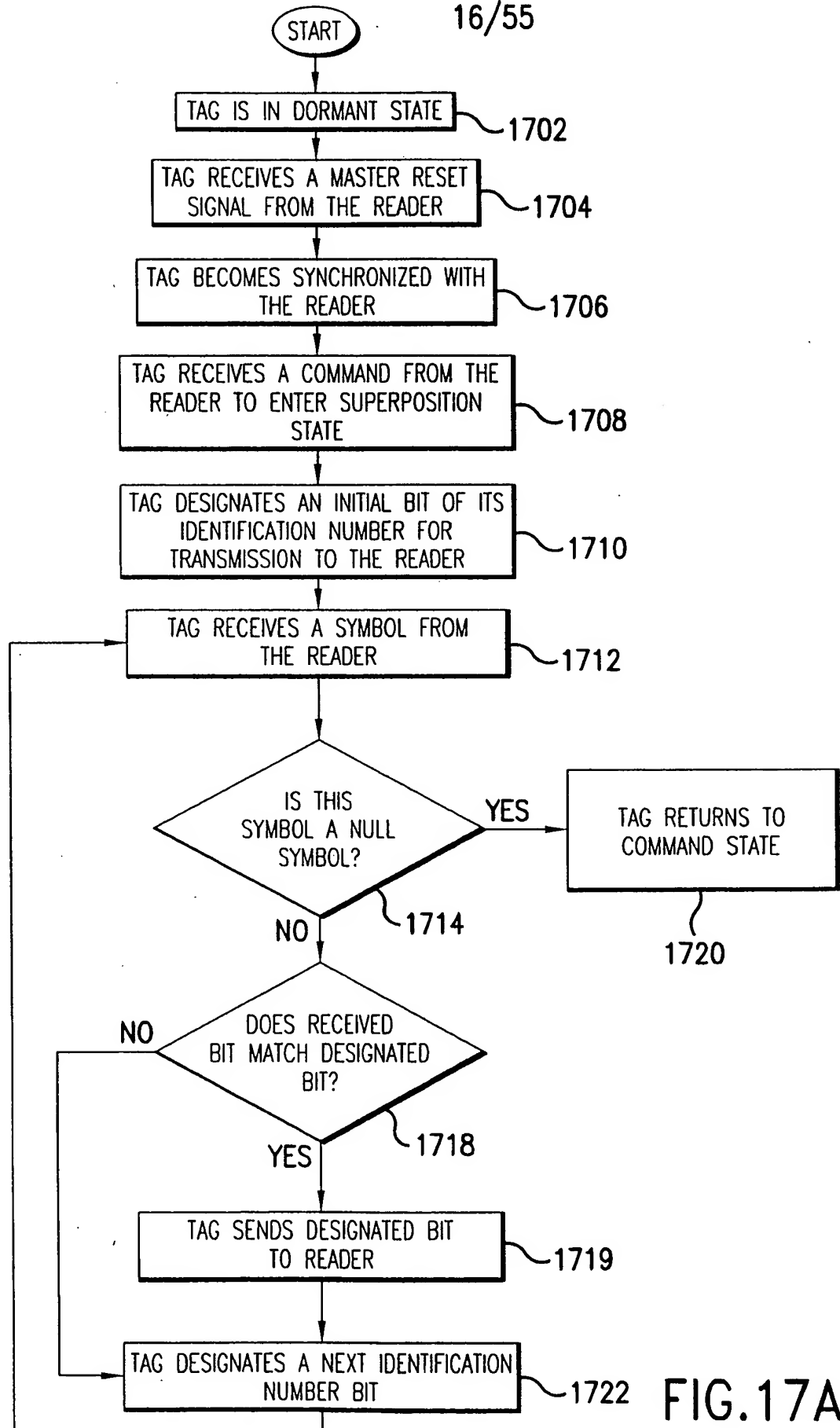


FIG. 17A



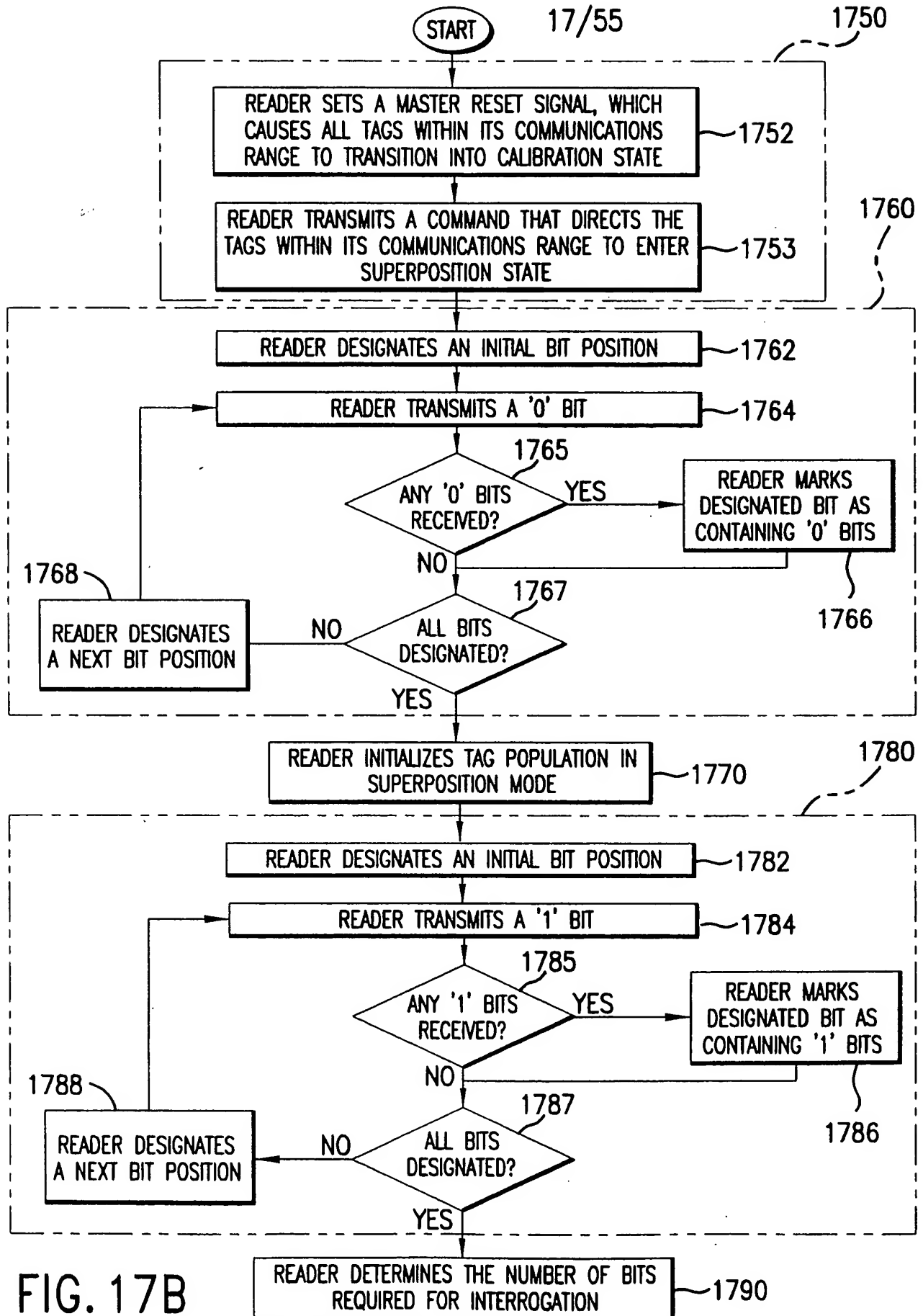


FIG. 17B

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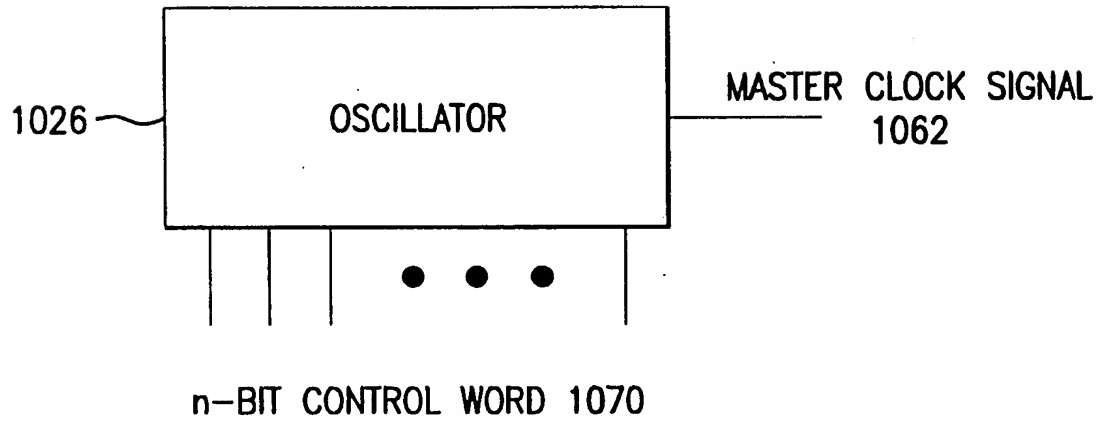


FIG. 18

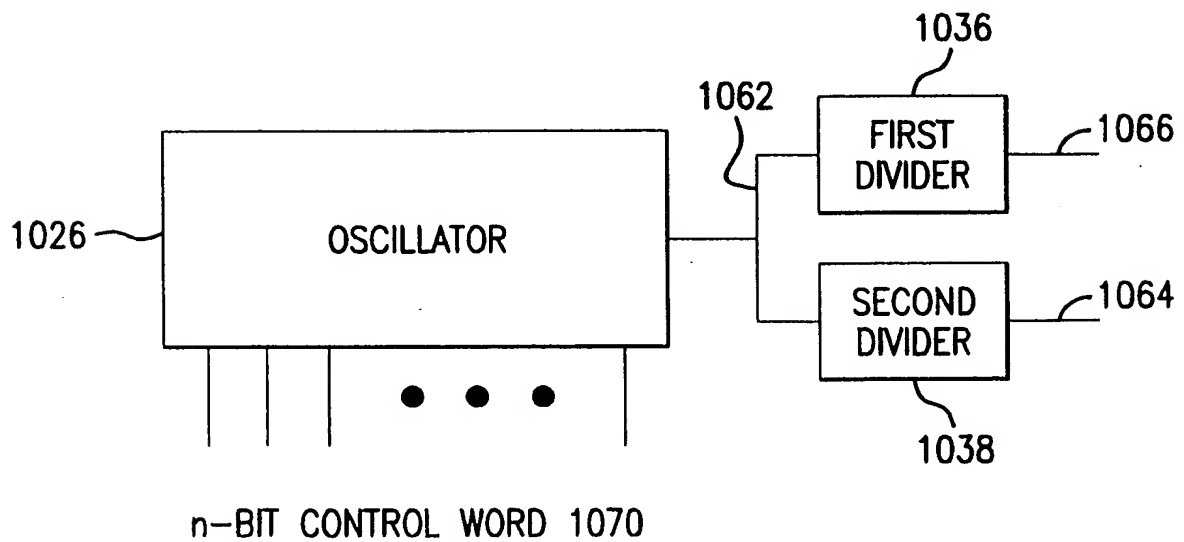


FIG. 19

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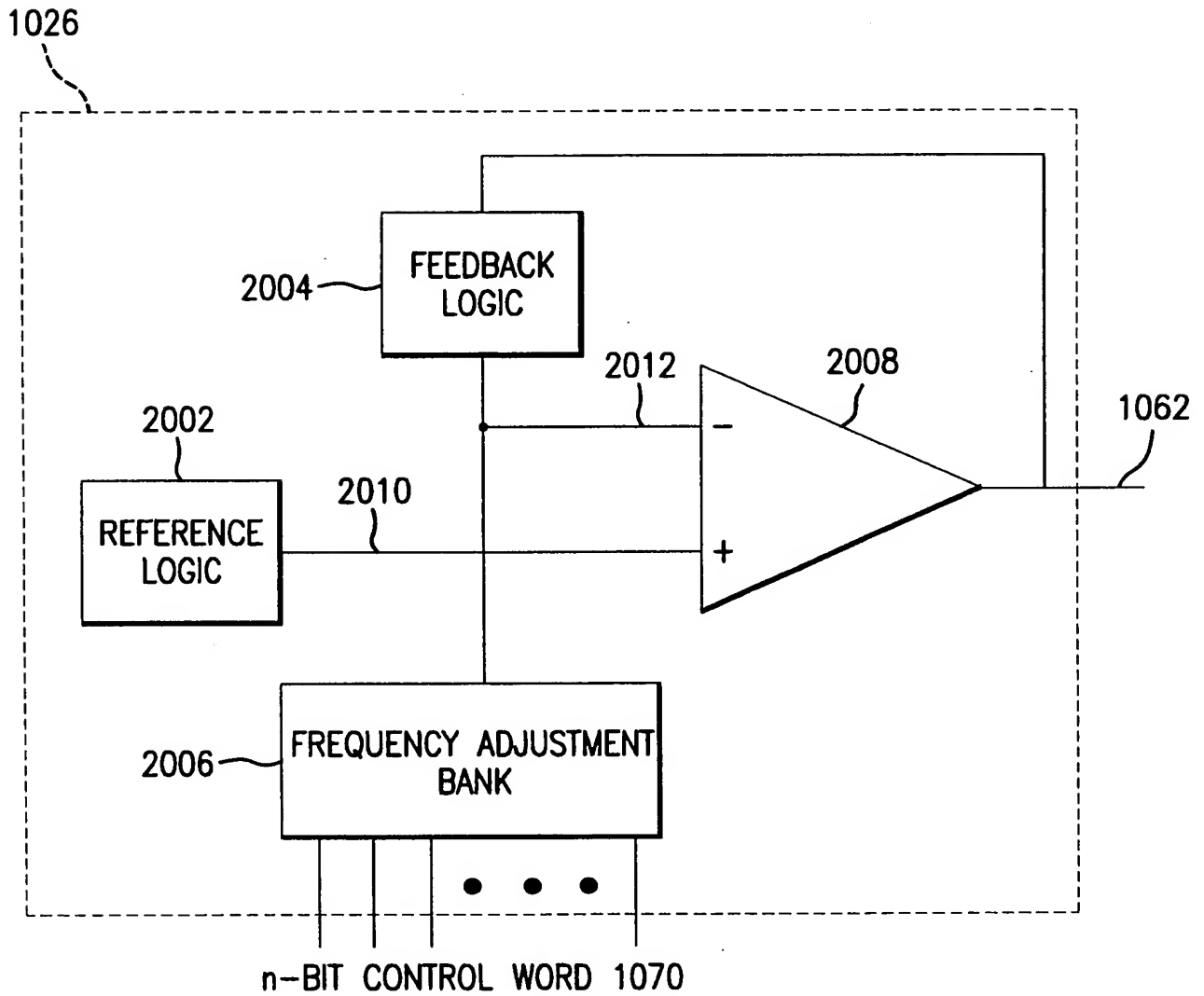


FIG. 20

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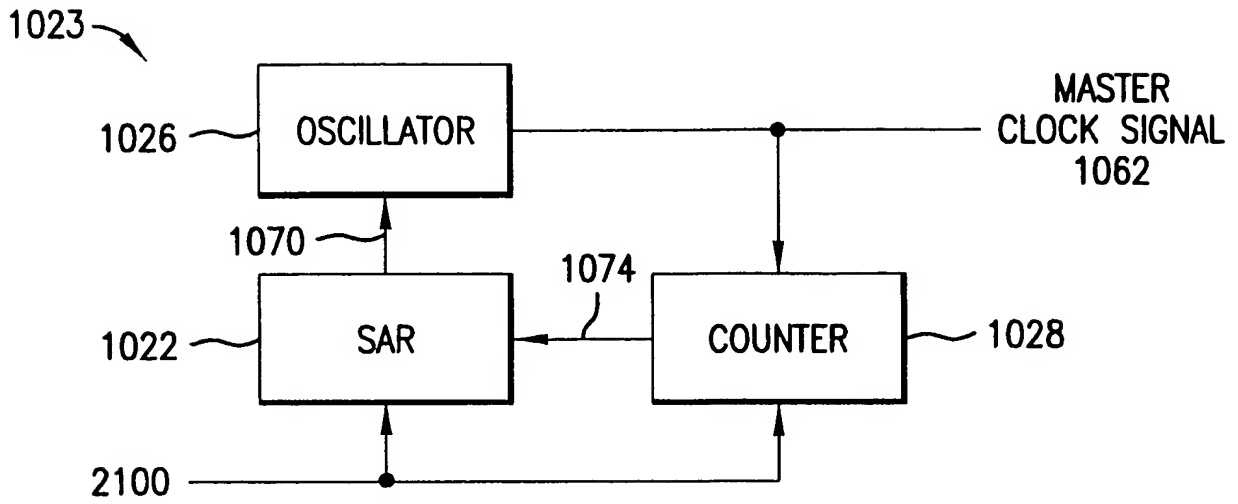


FIG. 21A

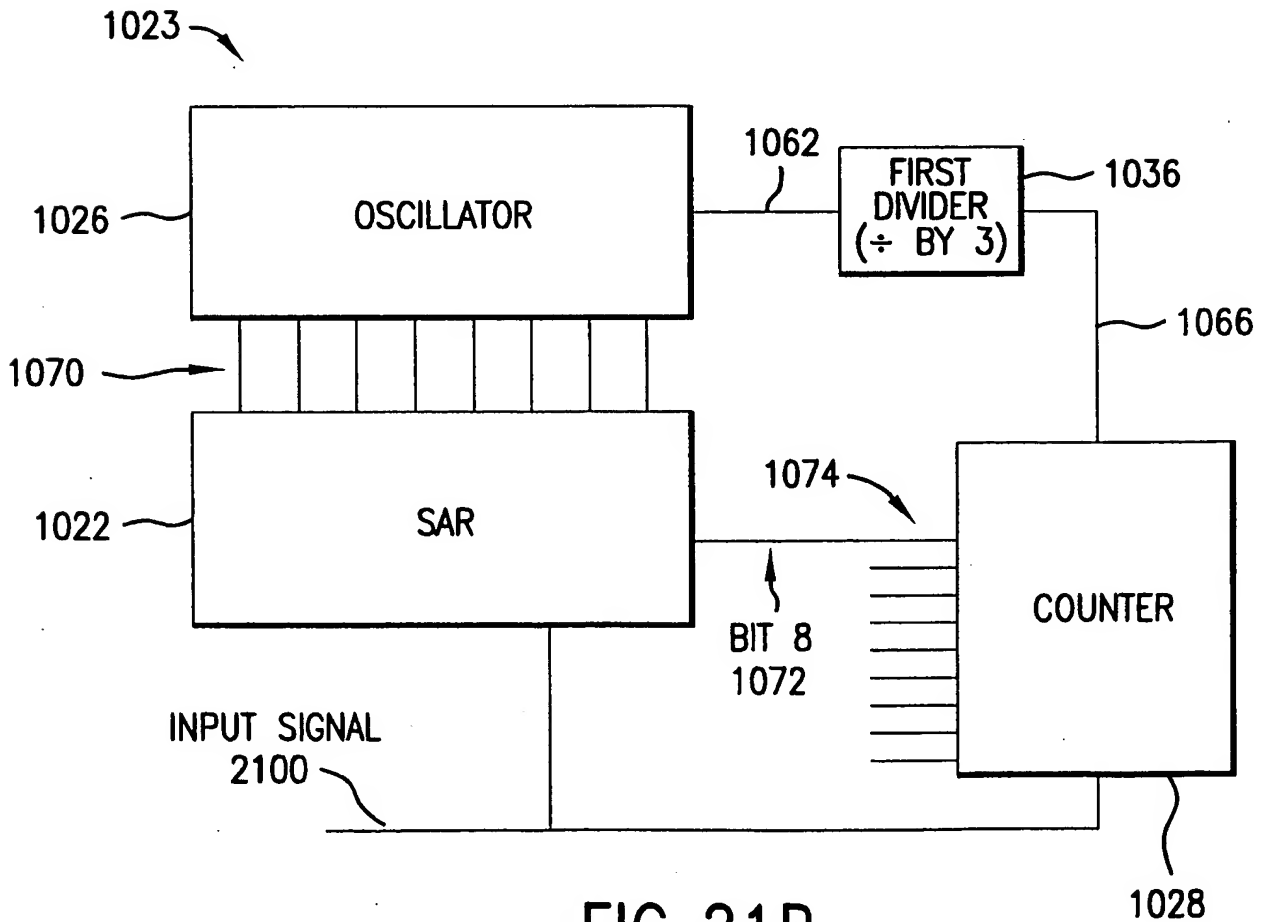


FIG. 21B

CONCEPTUAL IMPLEMENTATION OF SAR CALIBRATION

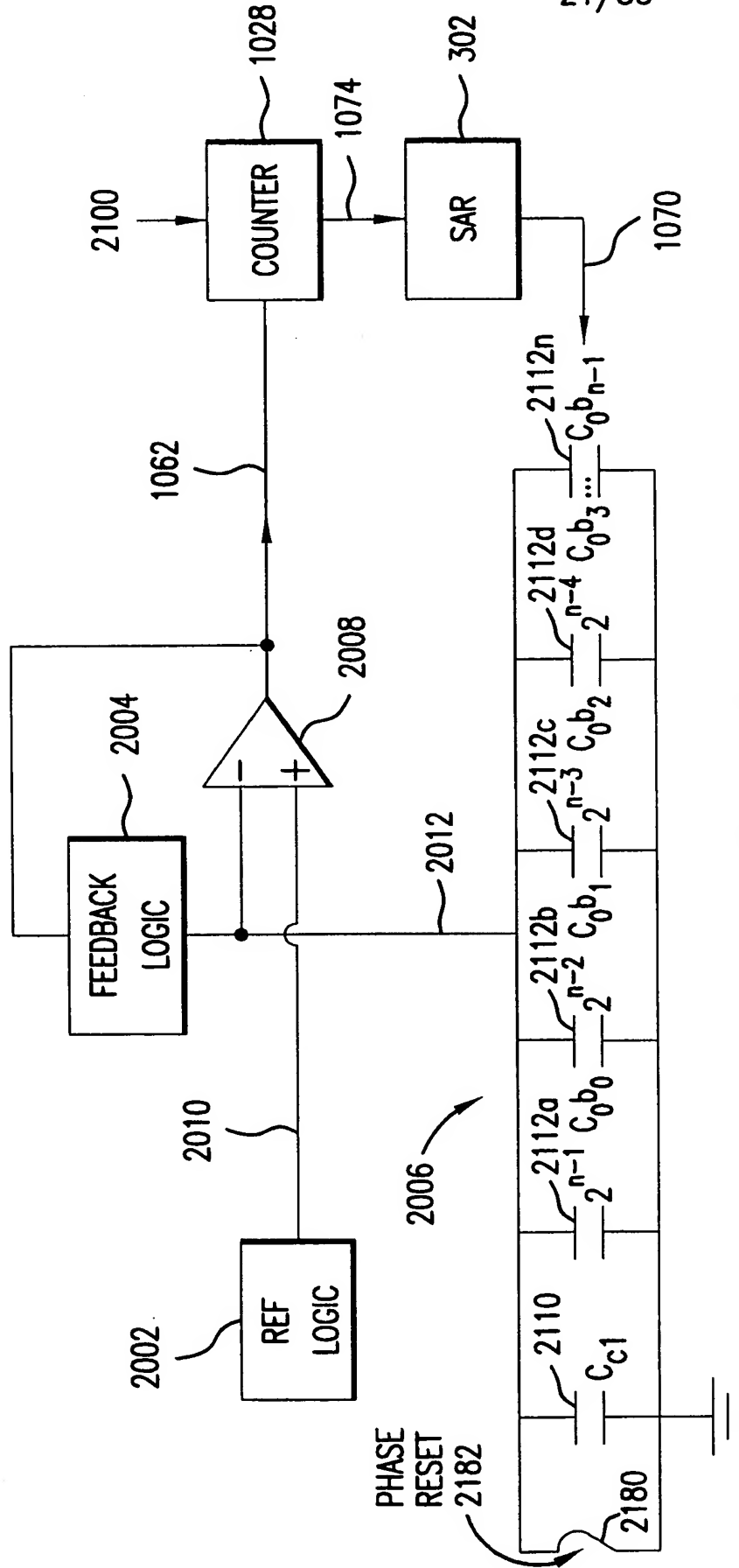


FIG. 21C

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# PHYSICAL IMPLEMENTATION OF ADJUSTABLE CAPACITOR BANK

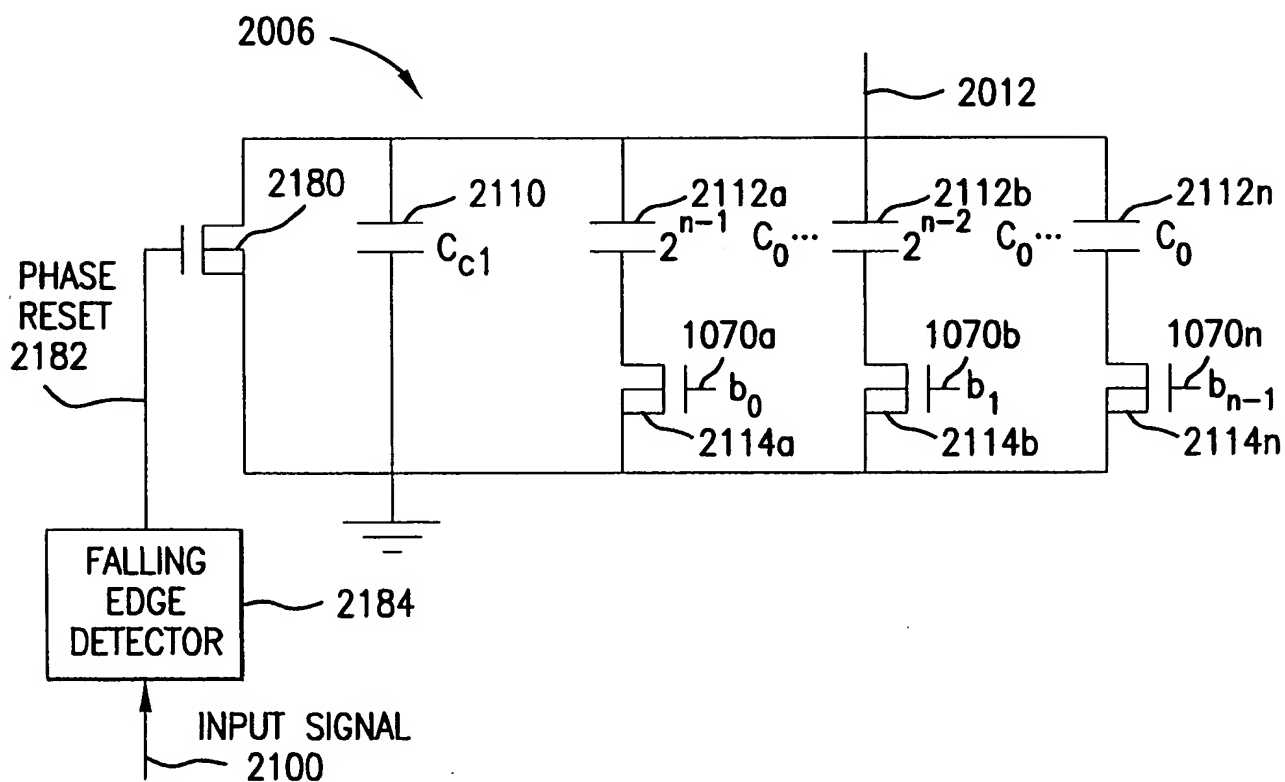
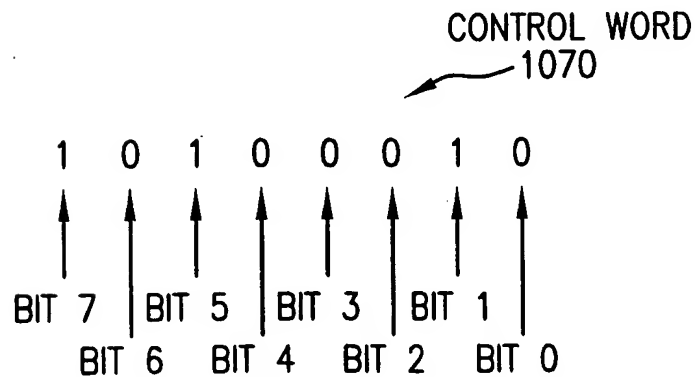
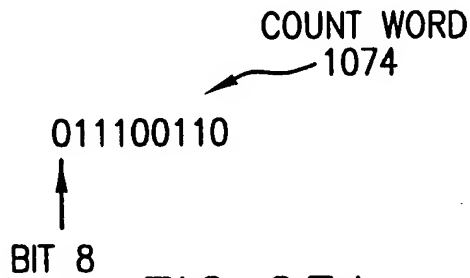
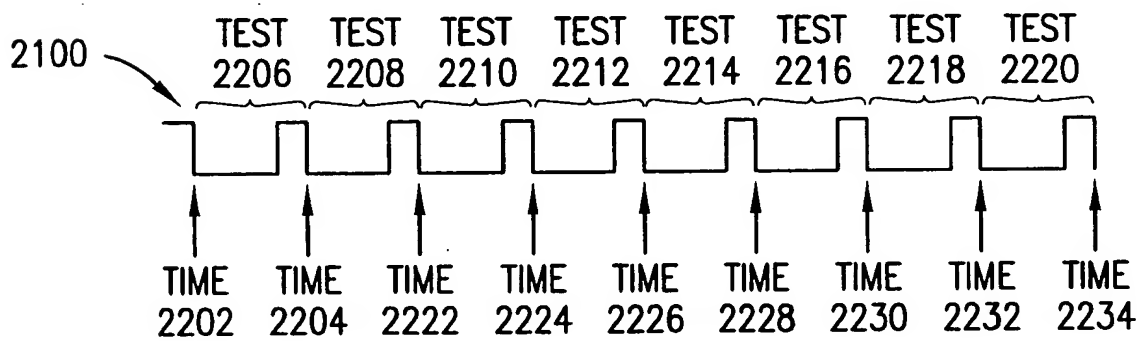
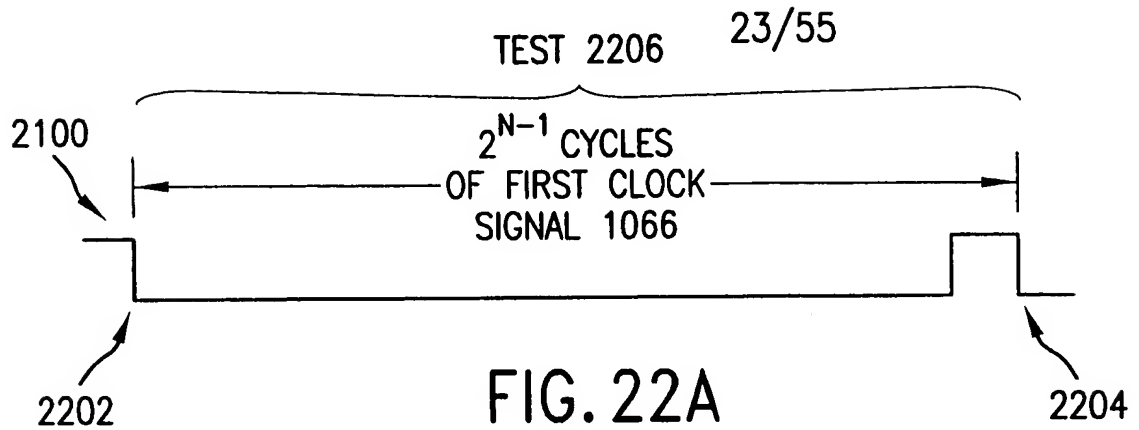


FIG. 21D



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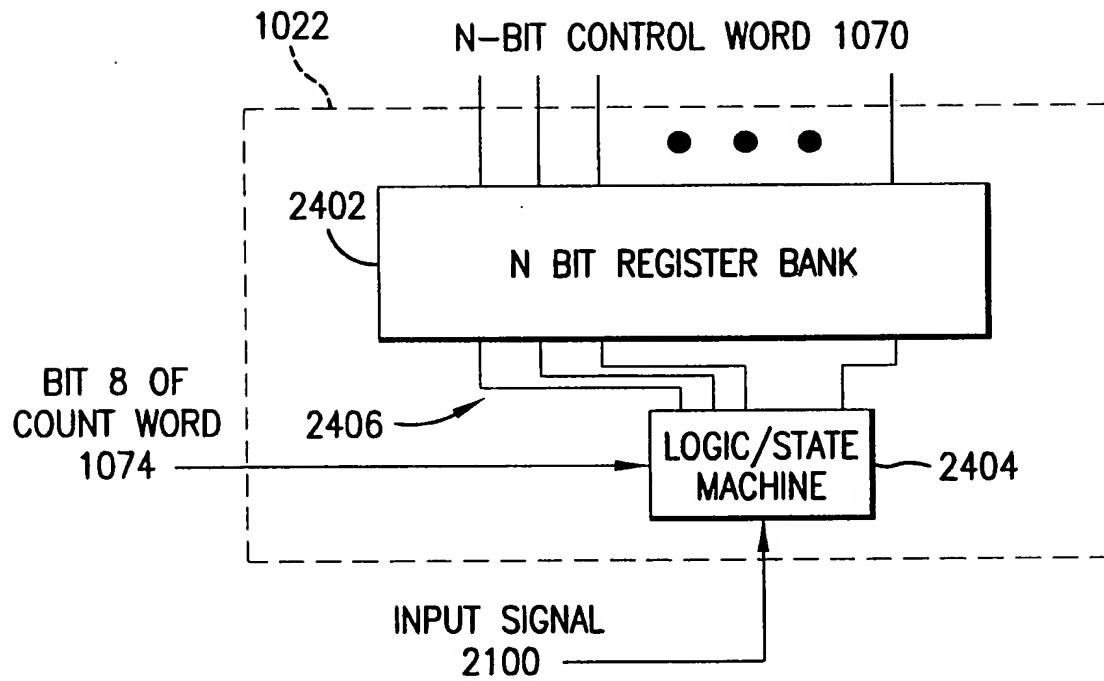


FIG. 24



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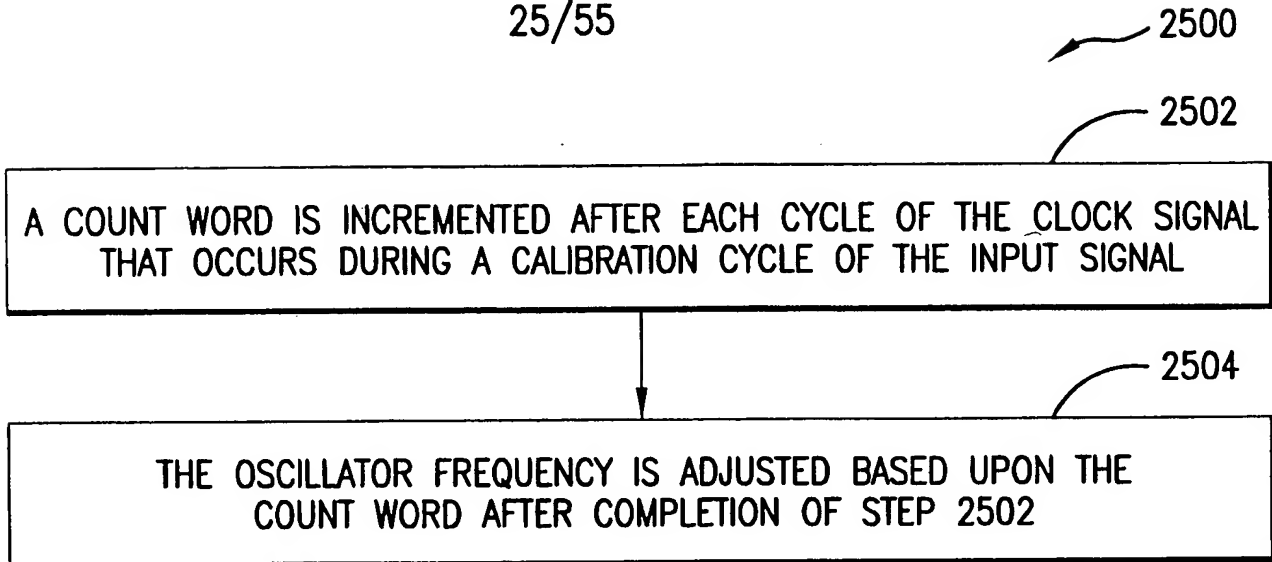


FIG. 25A

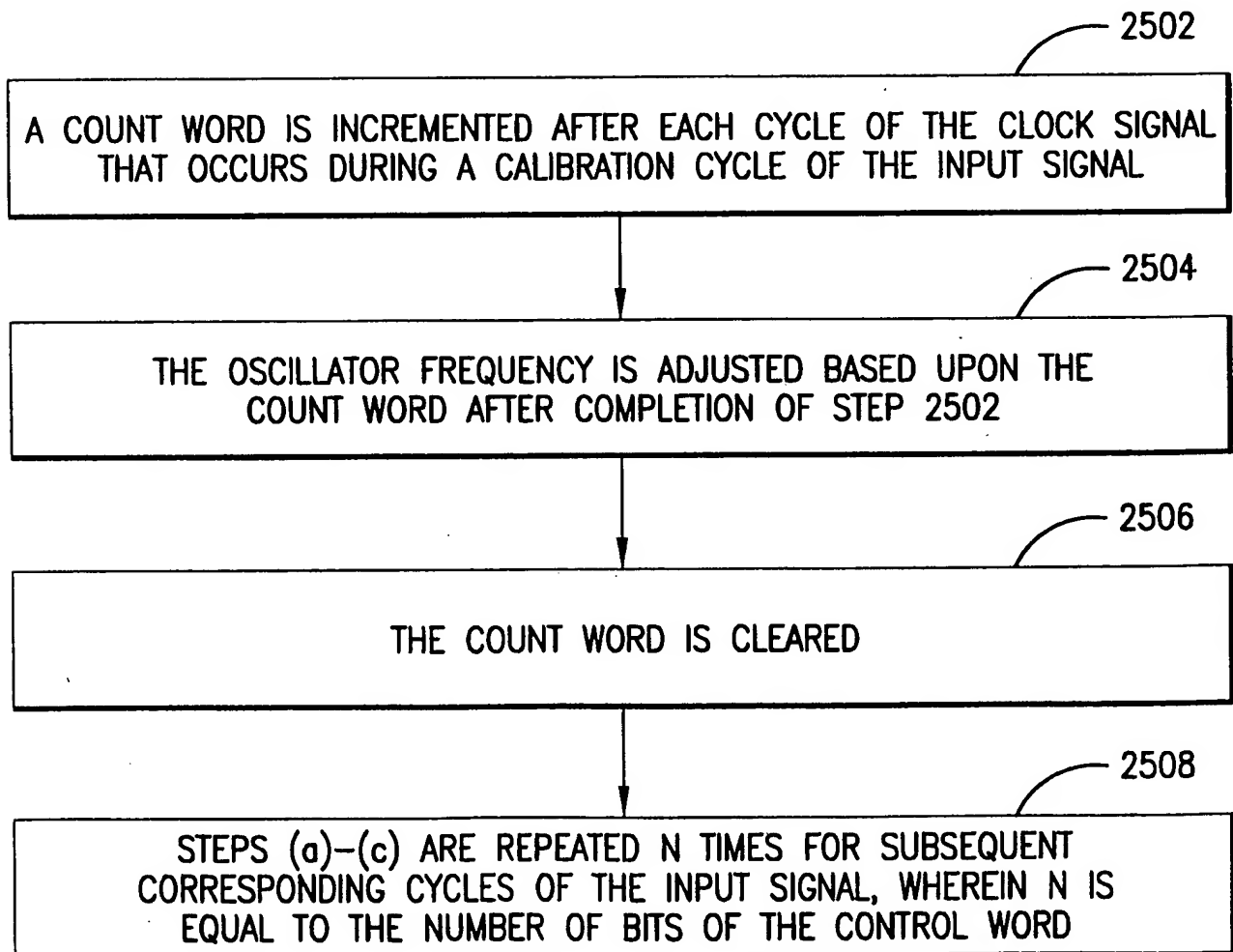


FIG. 25B

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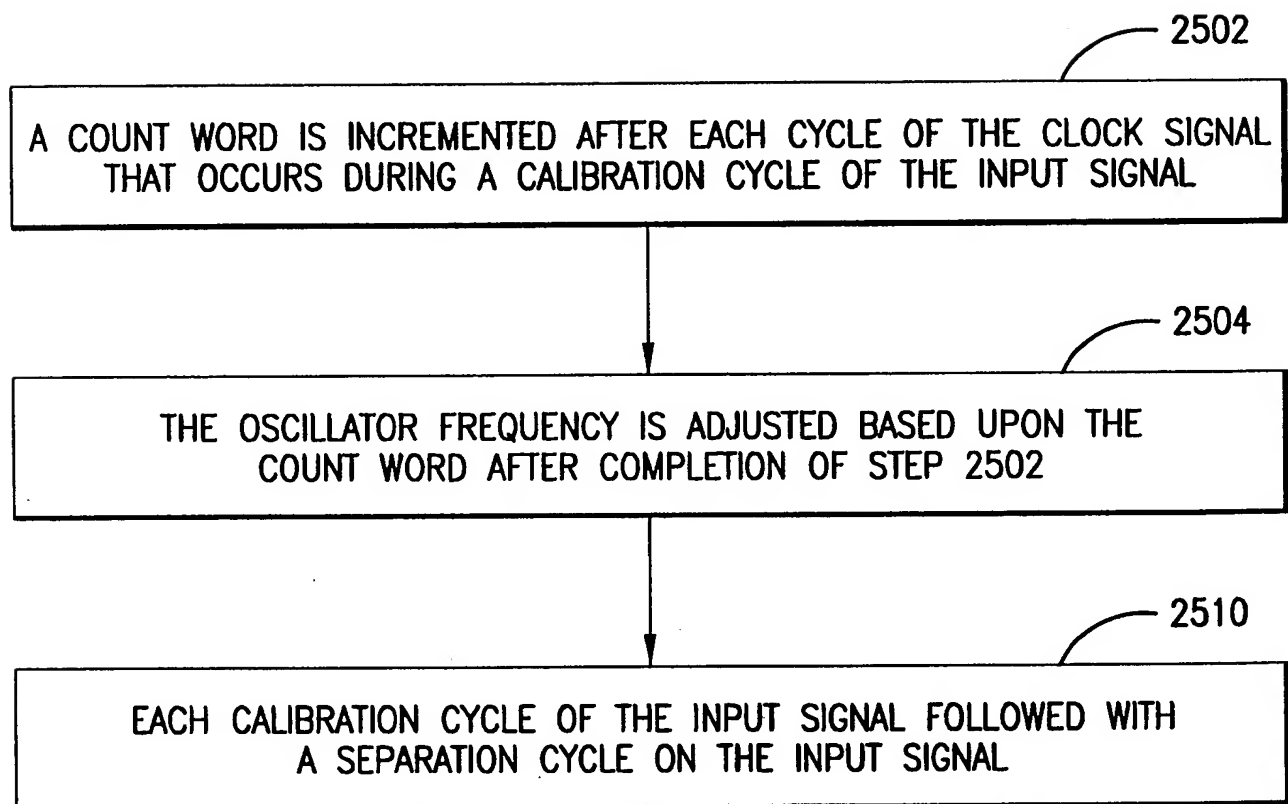


FIG. 25C

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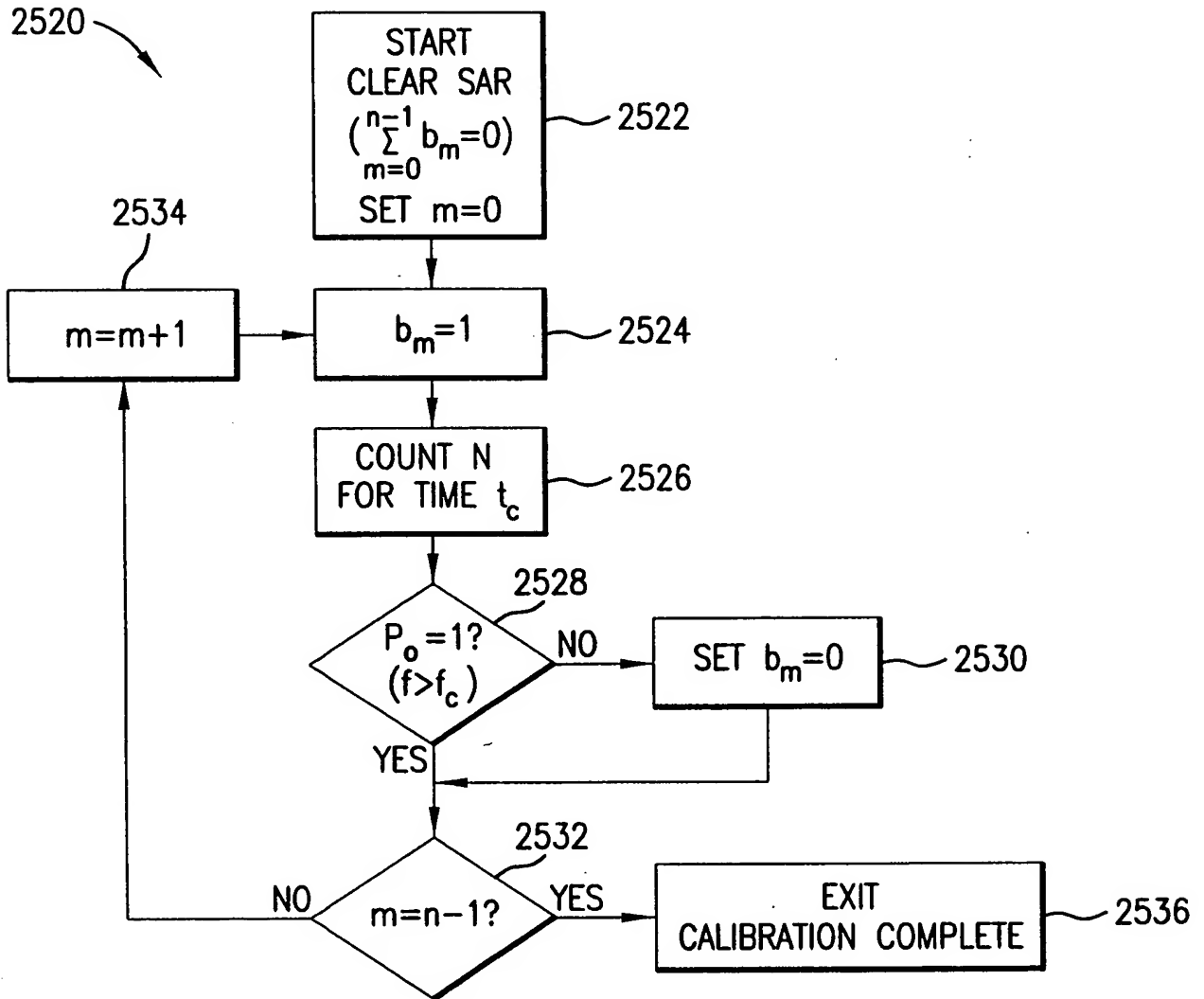


FIG. 25D

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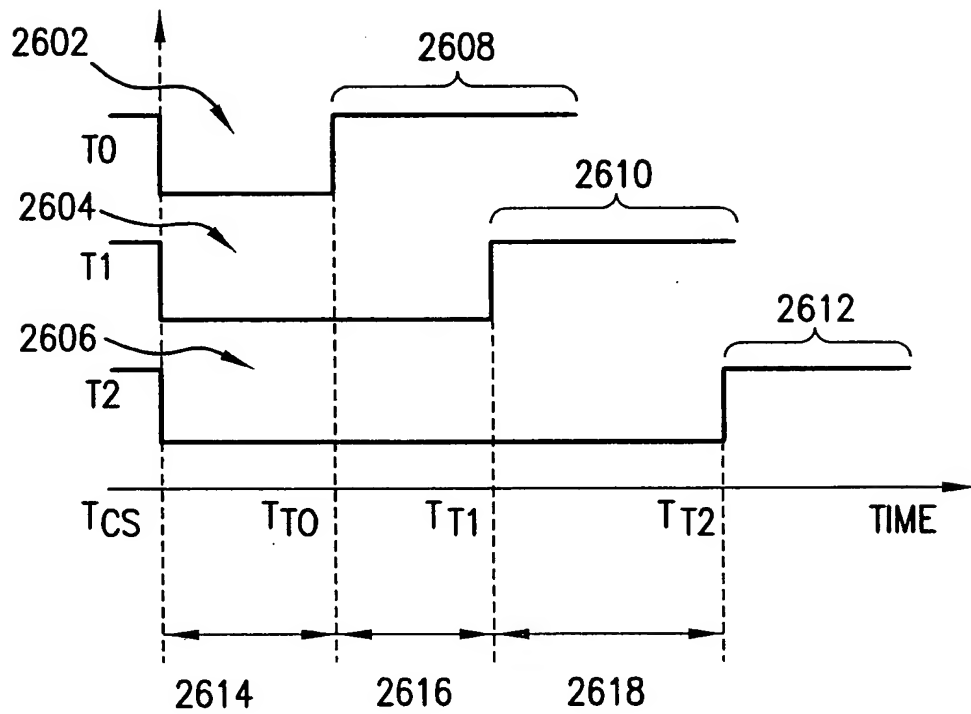


FIG.26A

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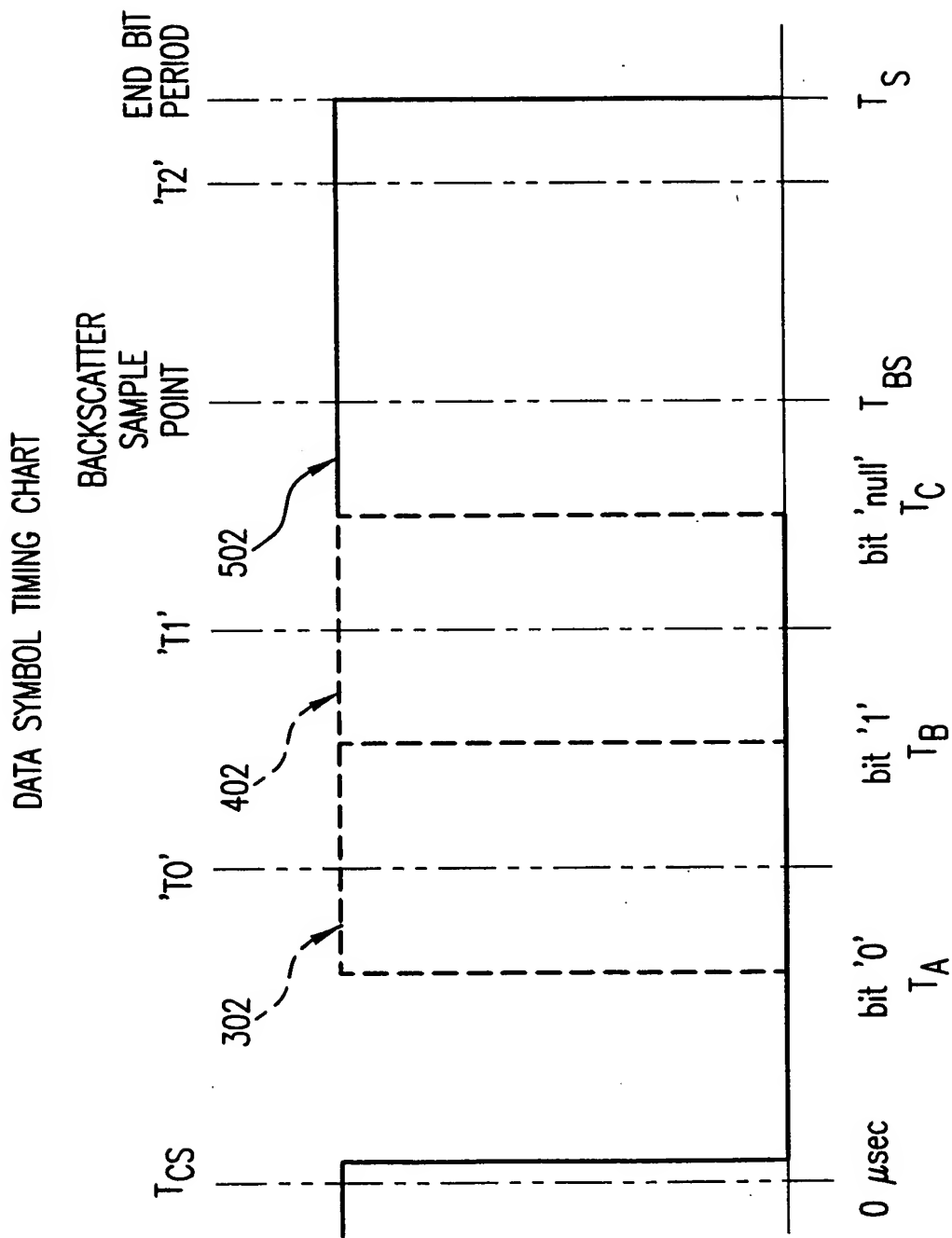


FIG.26B

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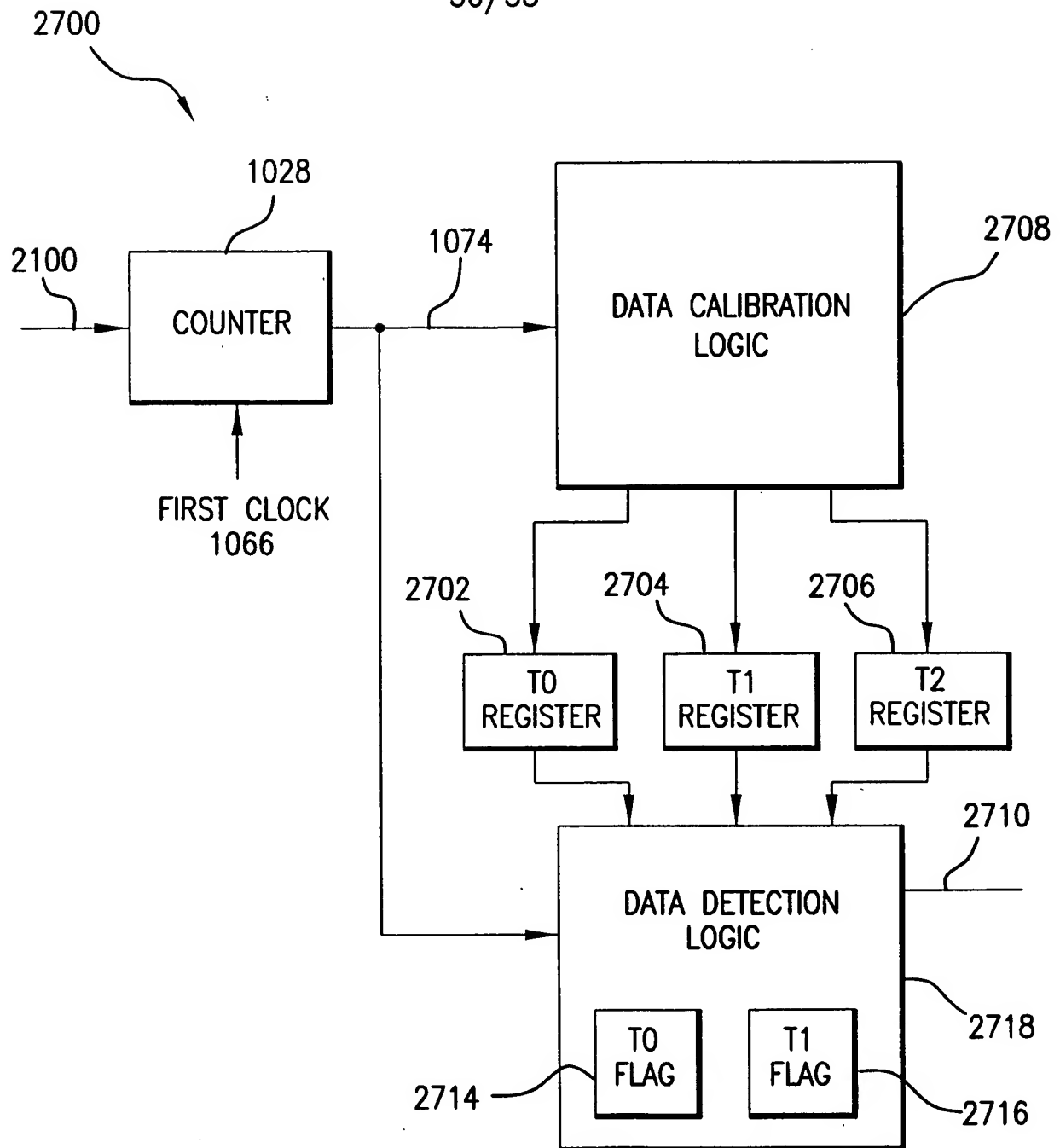


FIG.27

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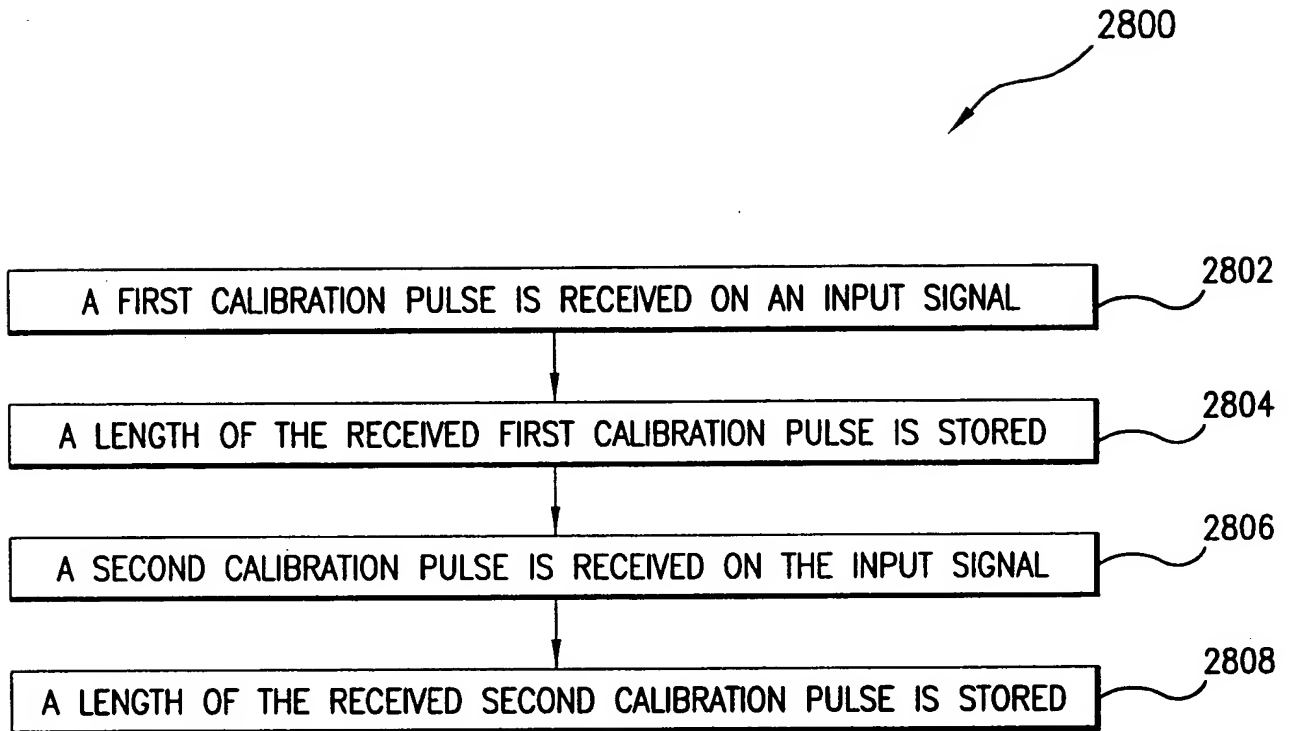


FIG.28A

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FROM FLOWCHART 2800

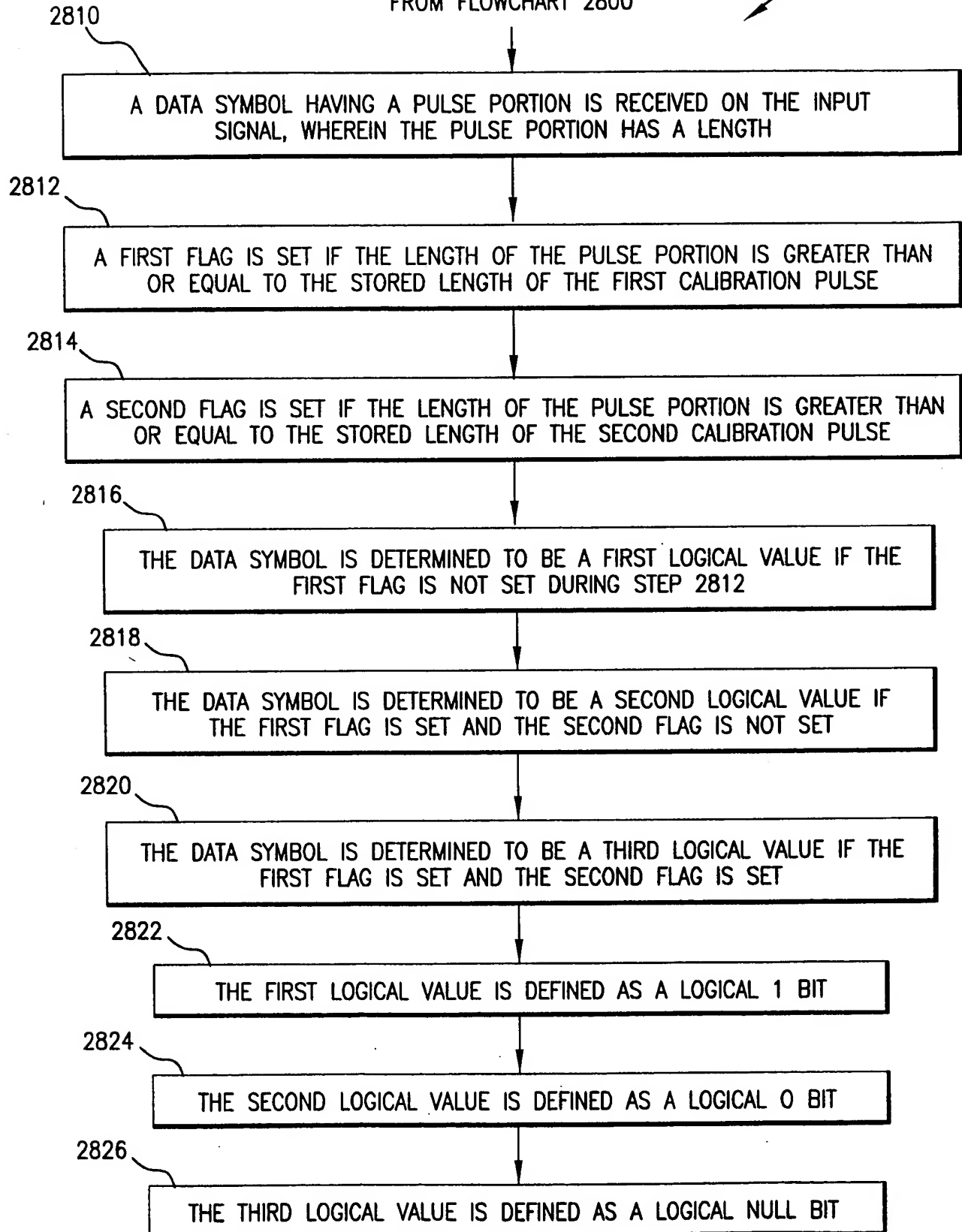


FIG.28B



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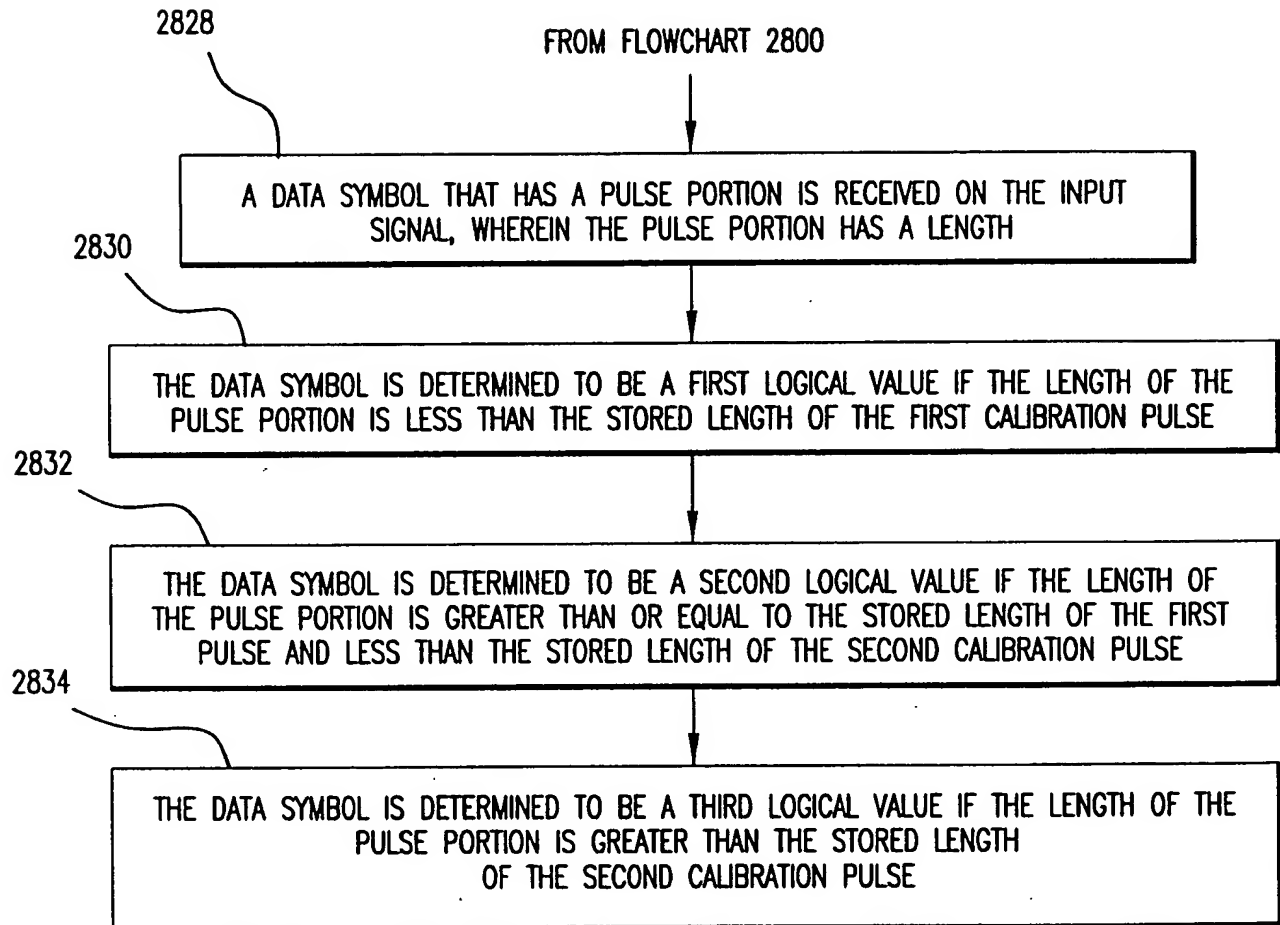


FIG.28C

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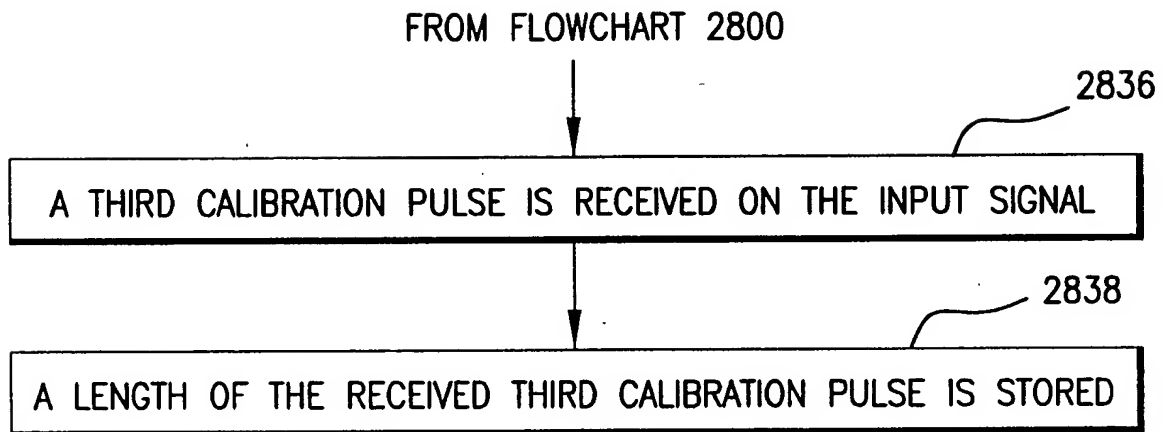
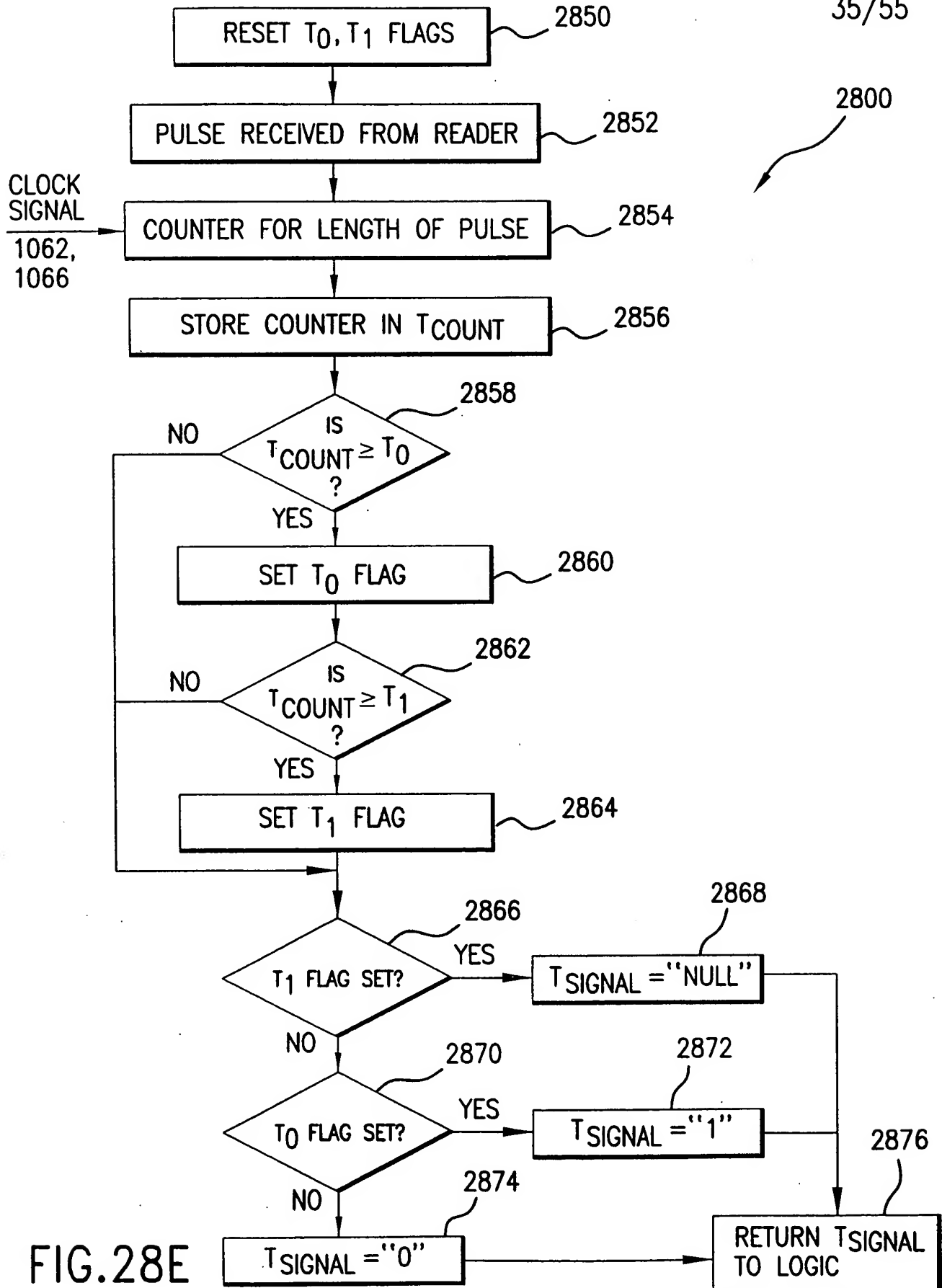


FIG.28D

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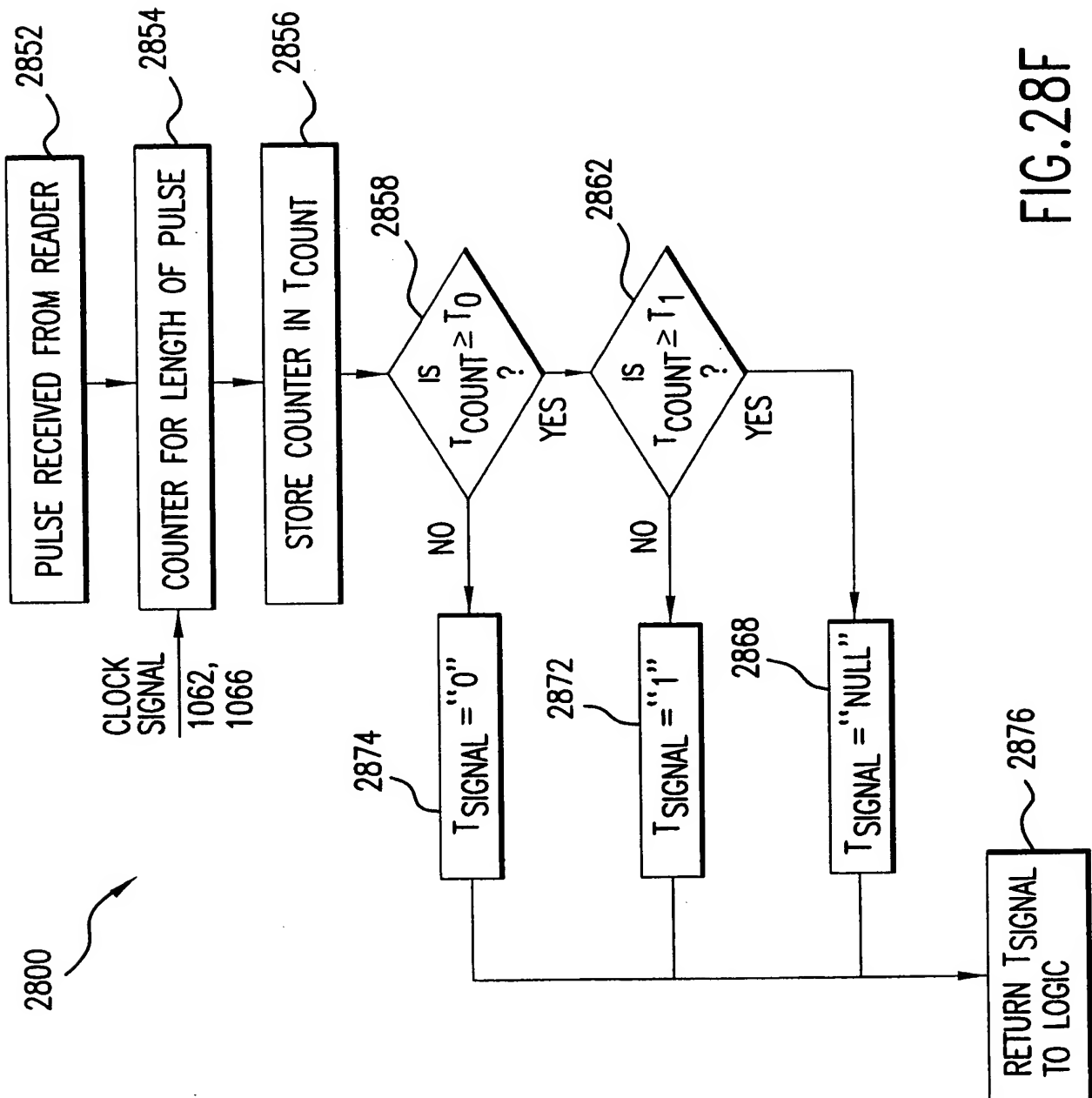


FIG.28F

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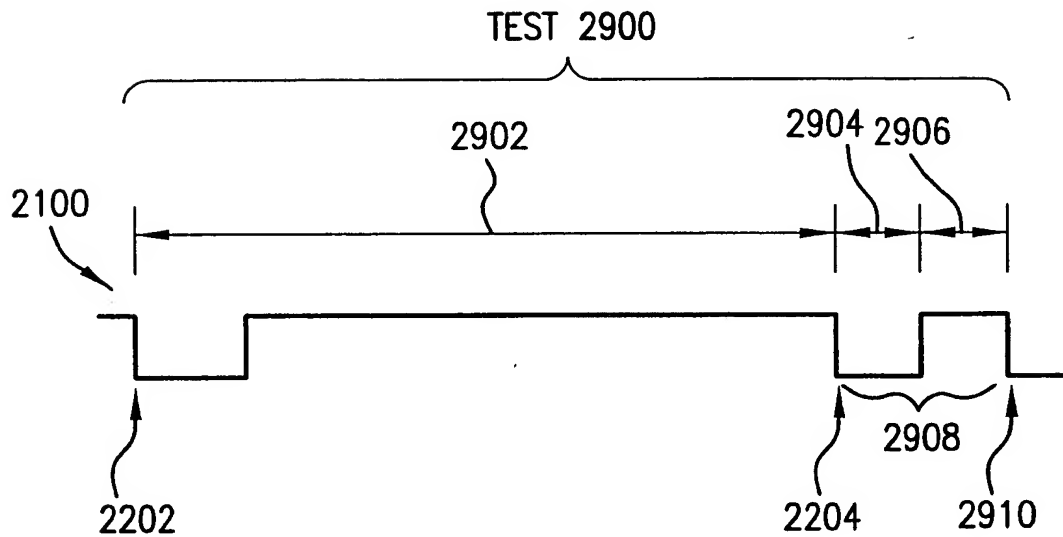


FIG.29

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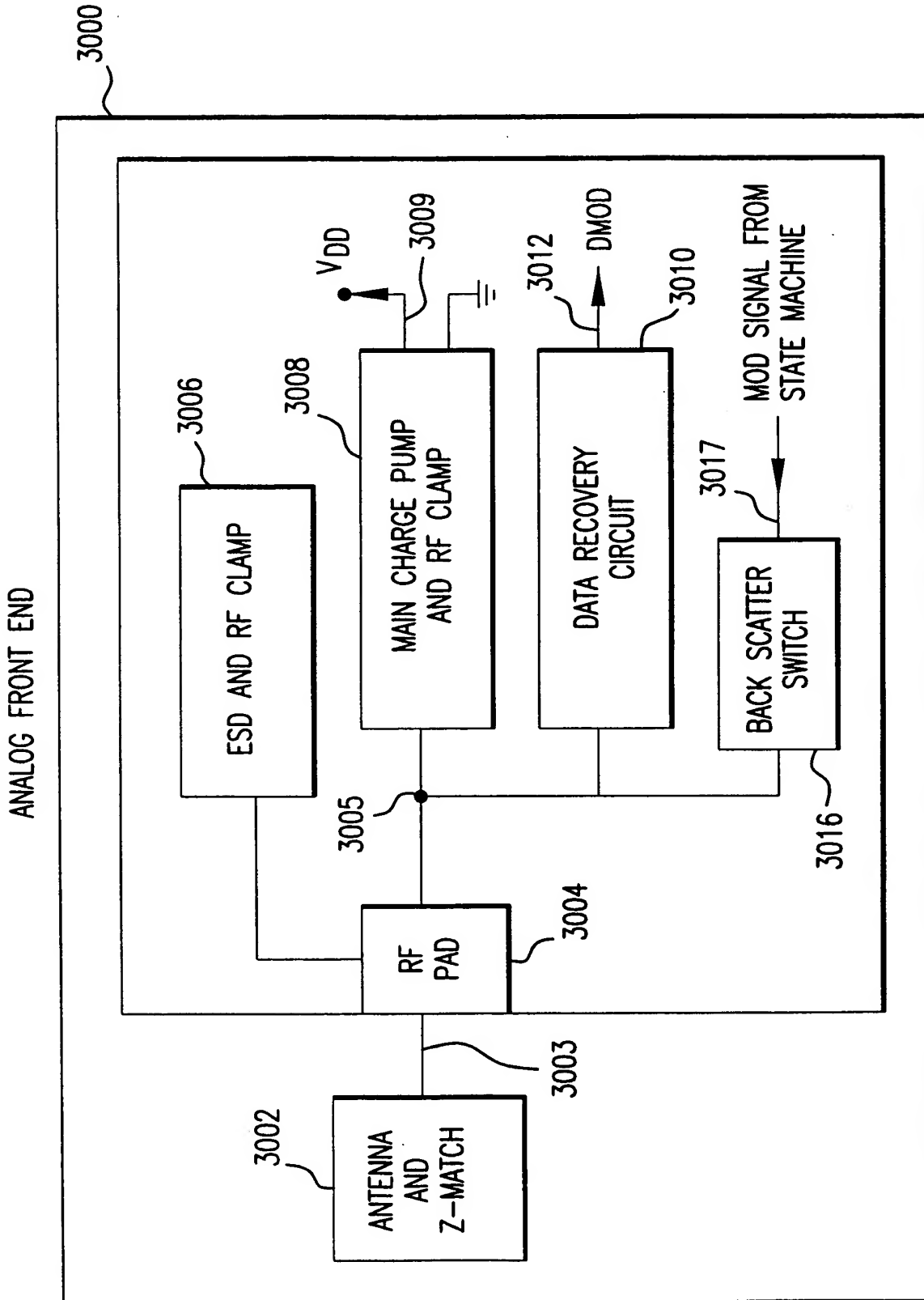


FIG.30



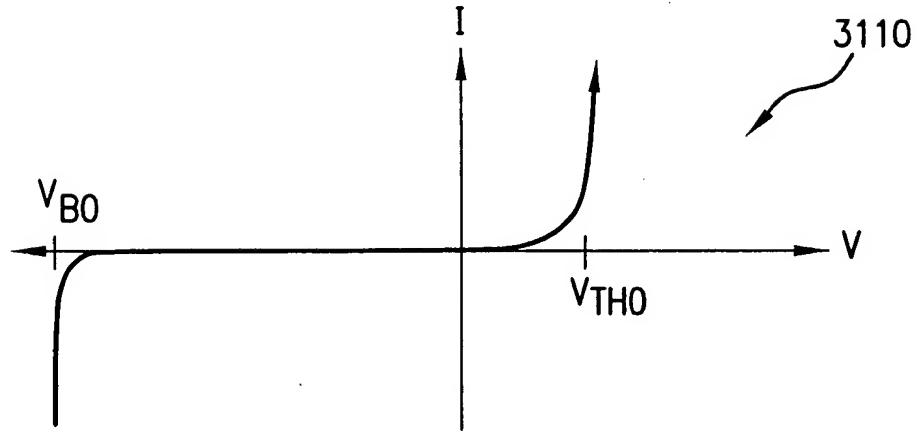


FIG. 32A

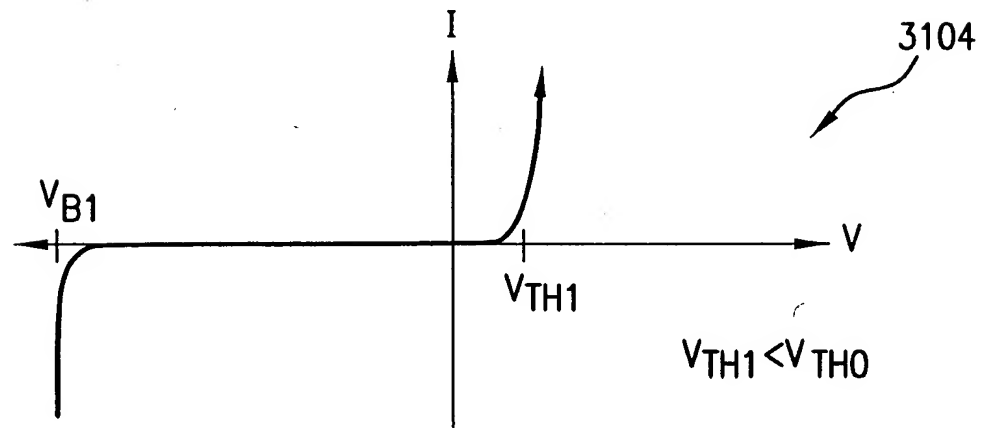


FIG. 32B

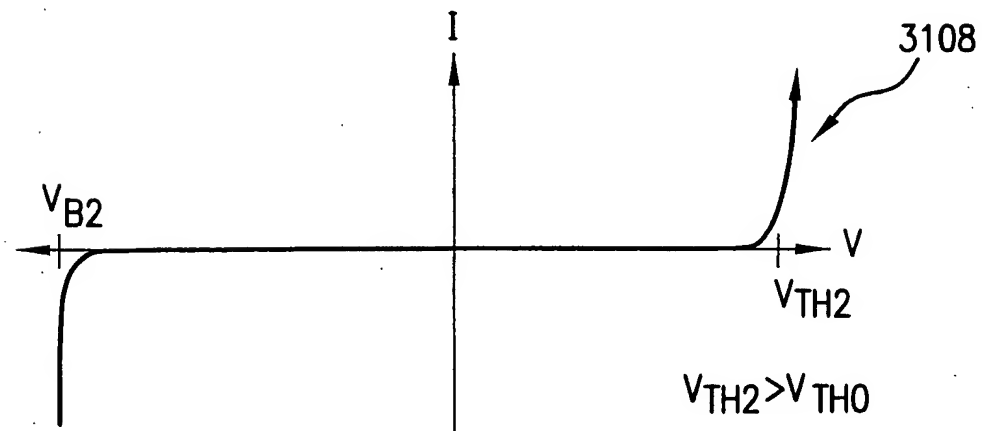


FIG. 32C



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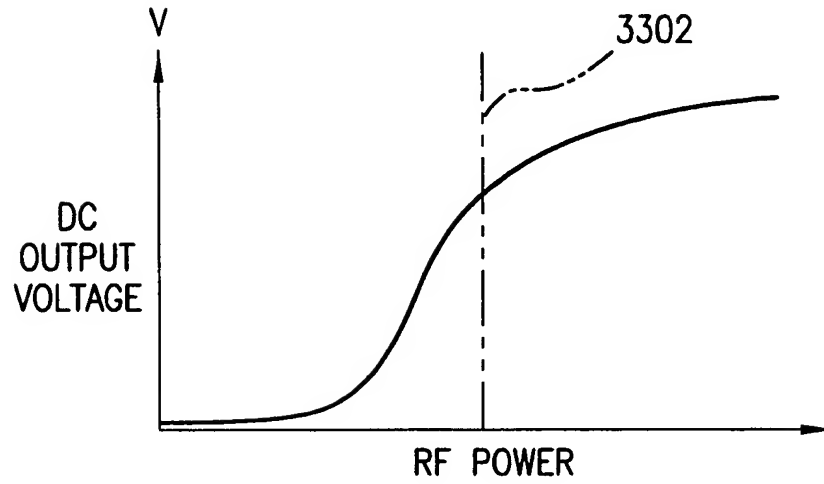


FIG. 33A

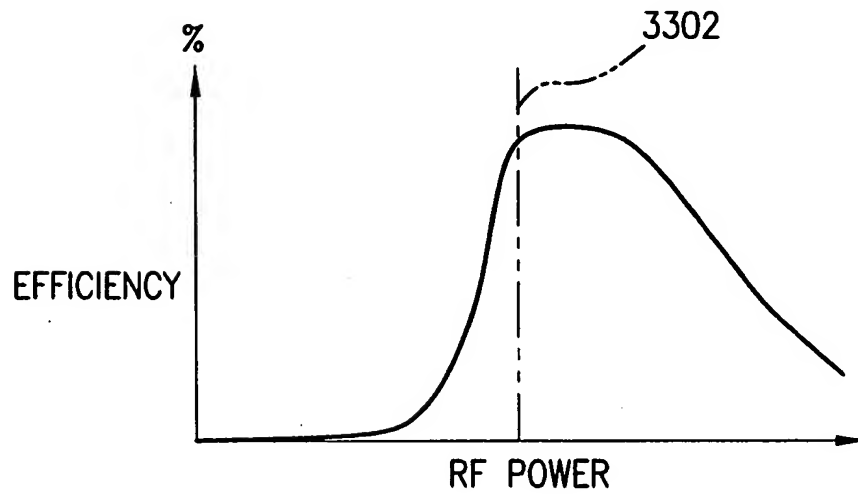


FIG. 33B

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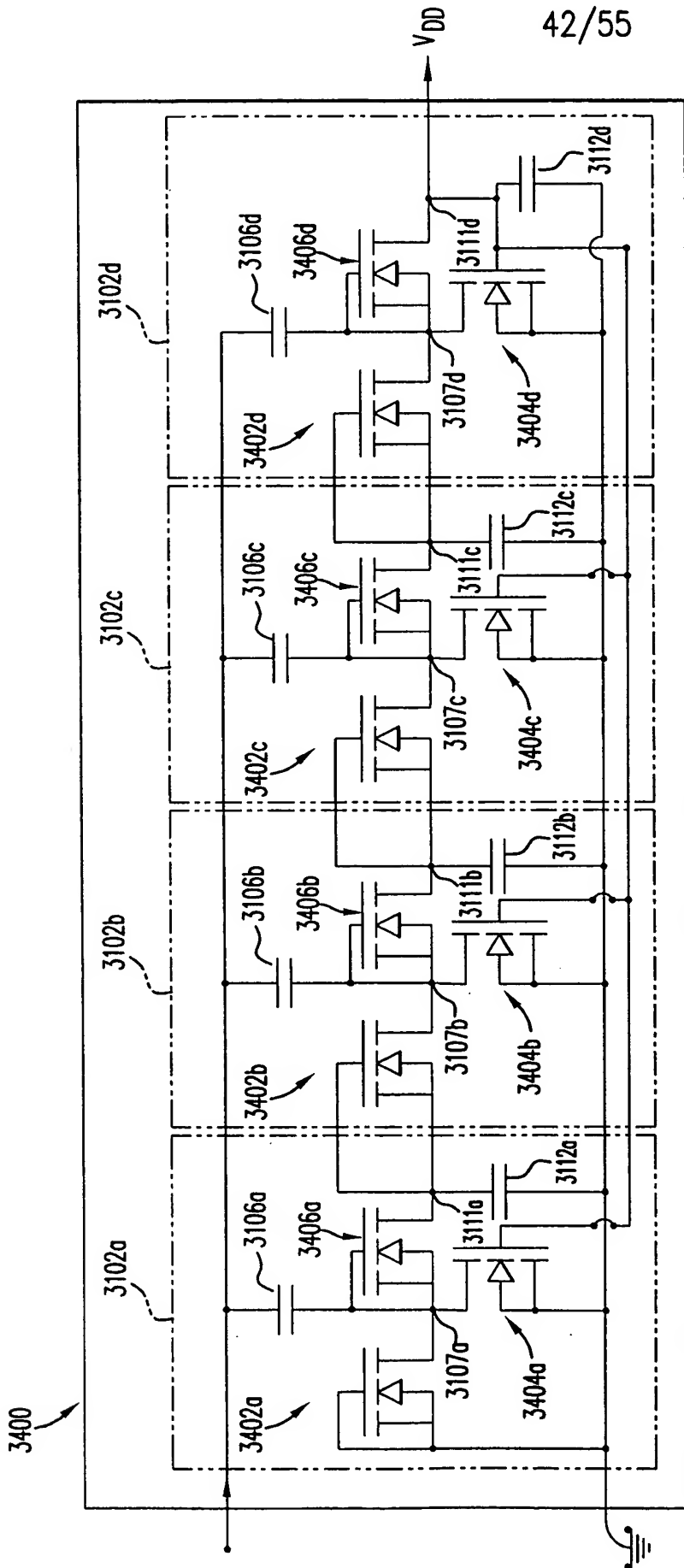
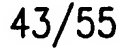


FIG. 34A



**FIG. 34B**

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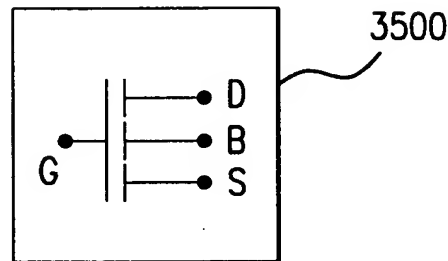


FIG.35A

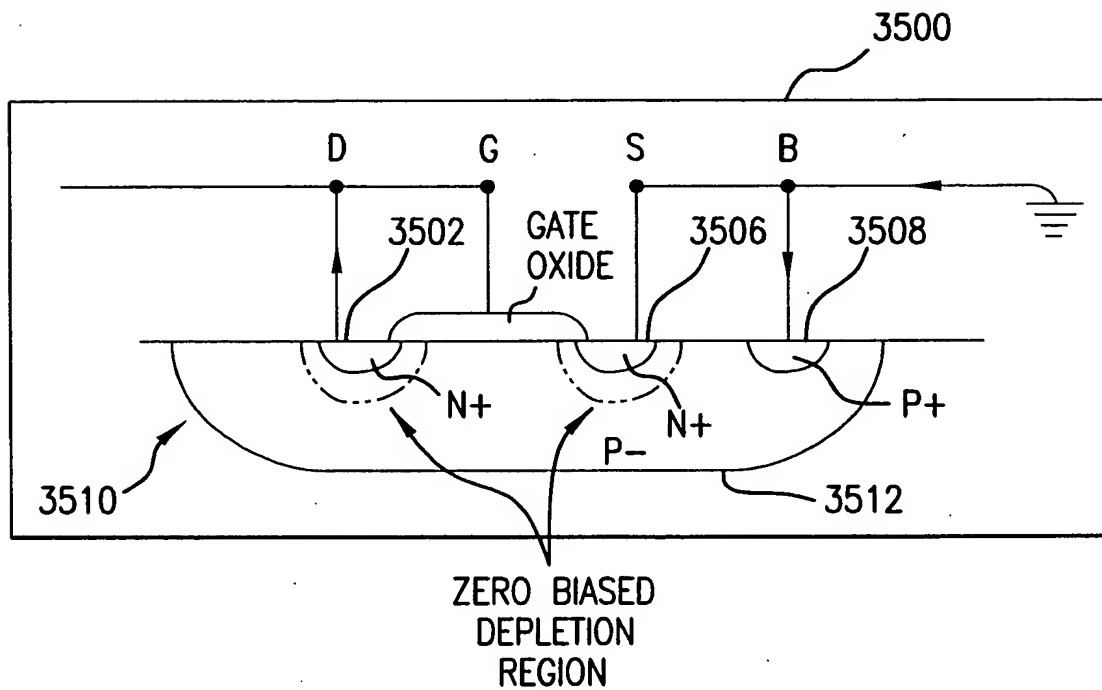


FIG.35B

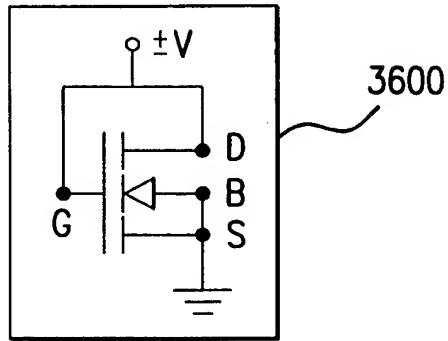


FIG.36A

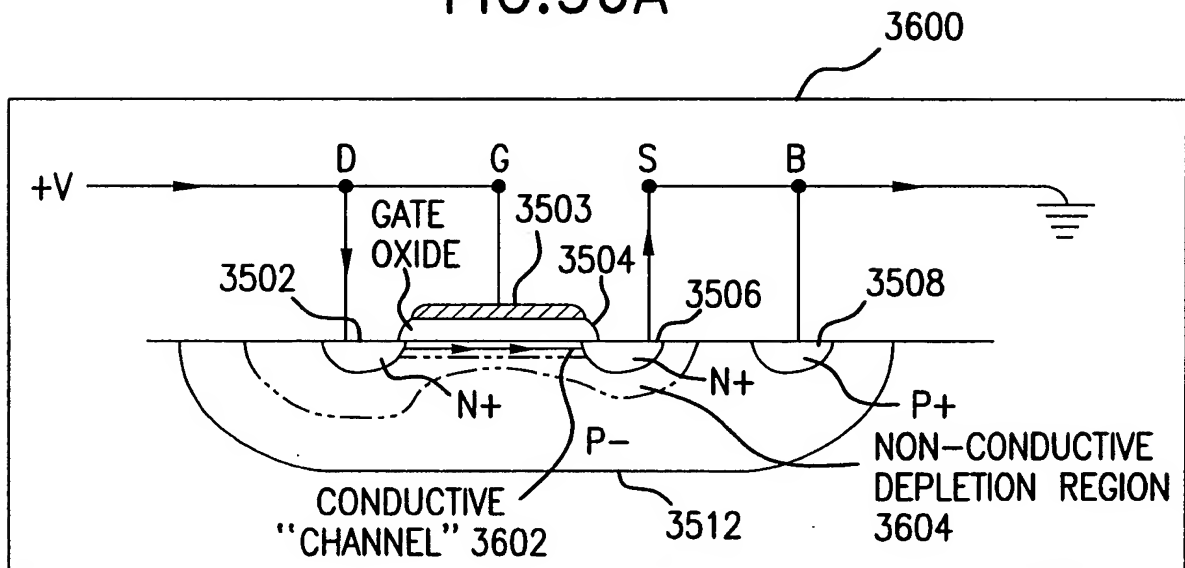


FIG.36B

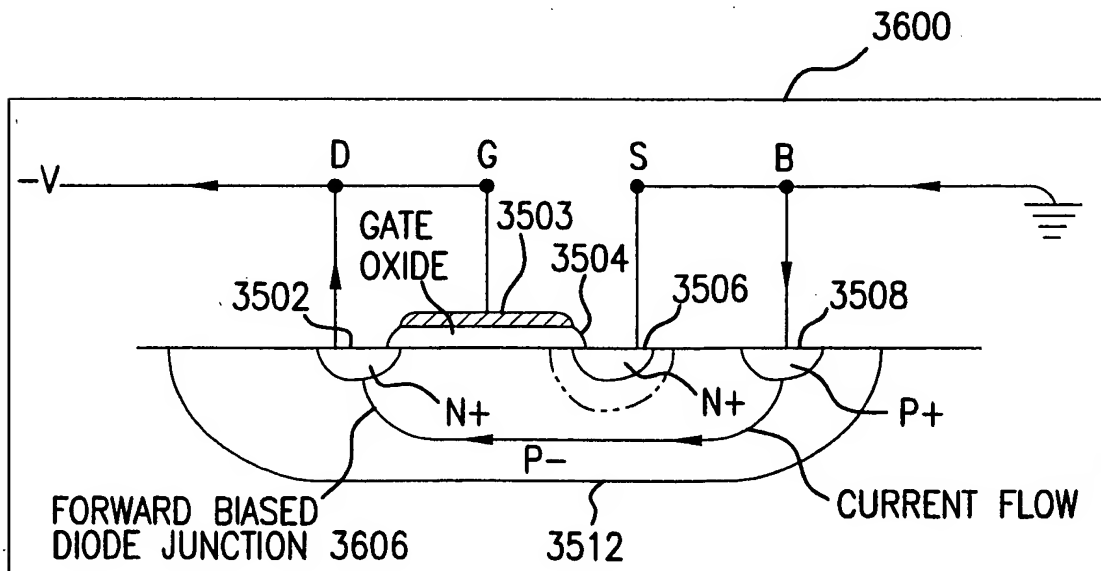


FIG.36C

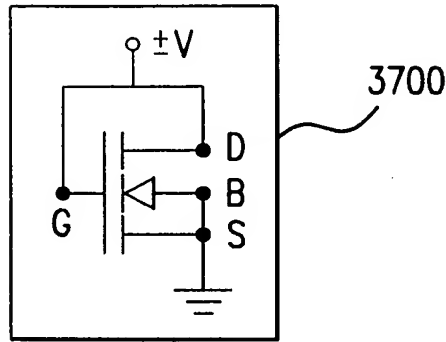


FIG.37A

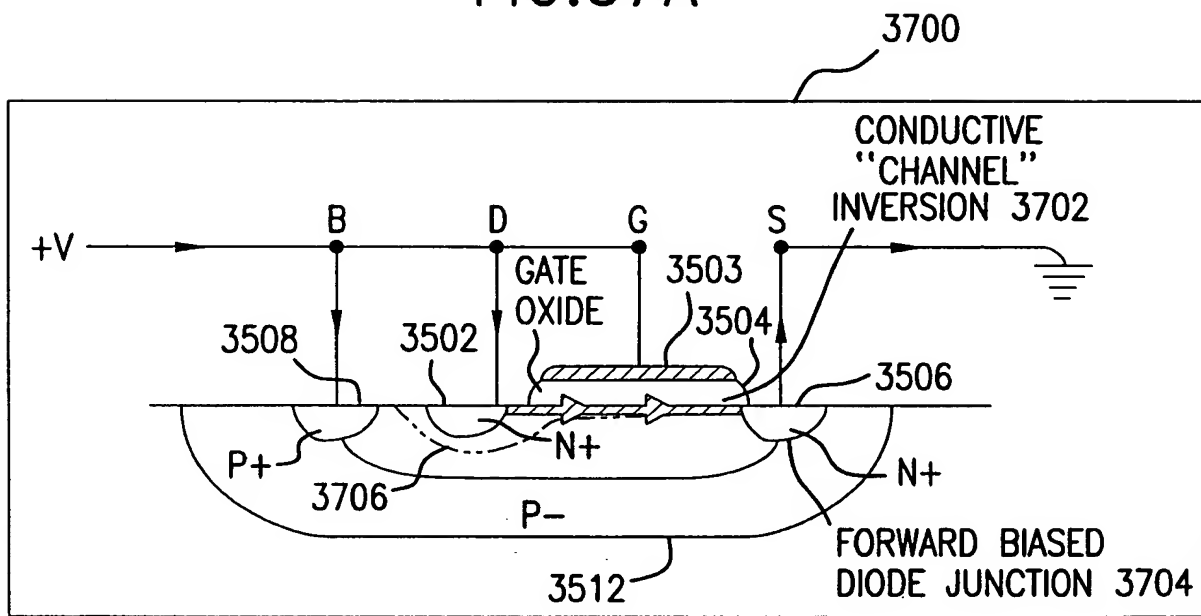


FIG.37B

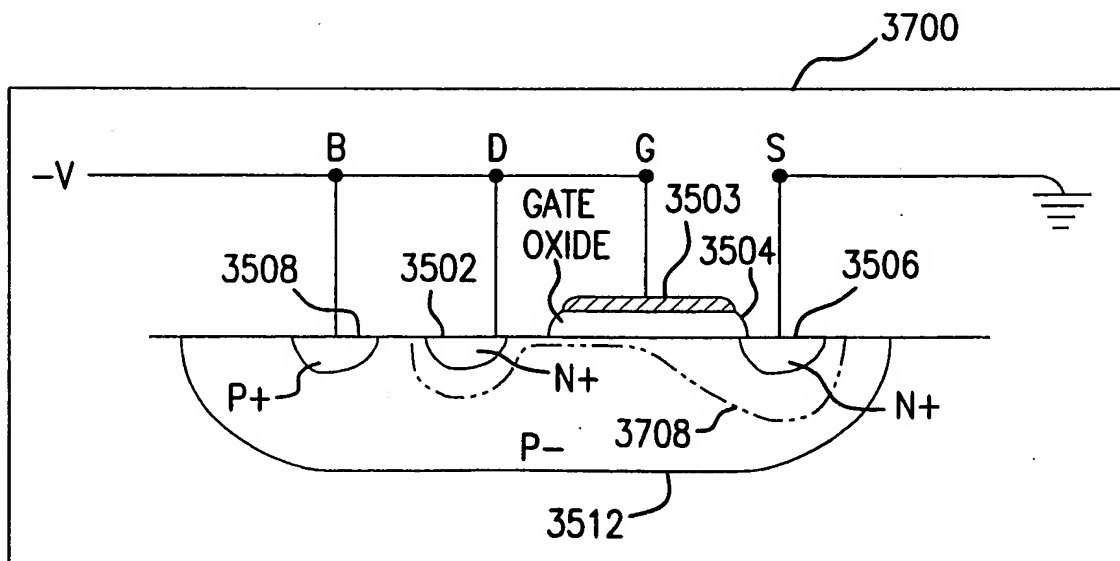


FIG.37C

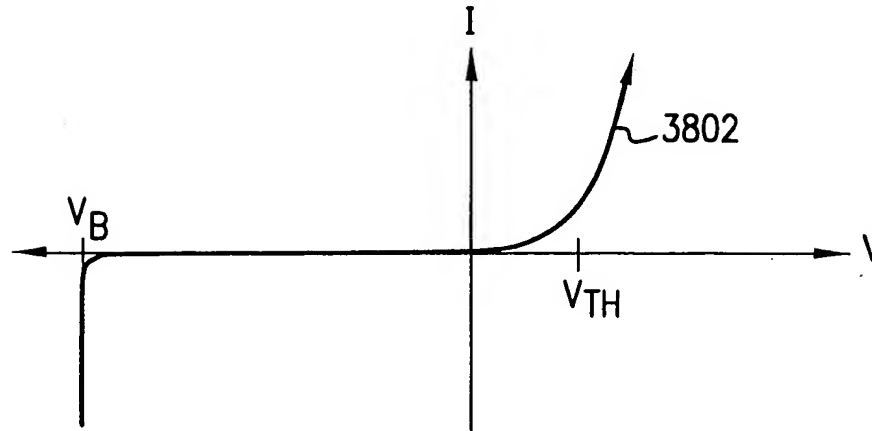


FIG. 38A

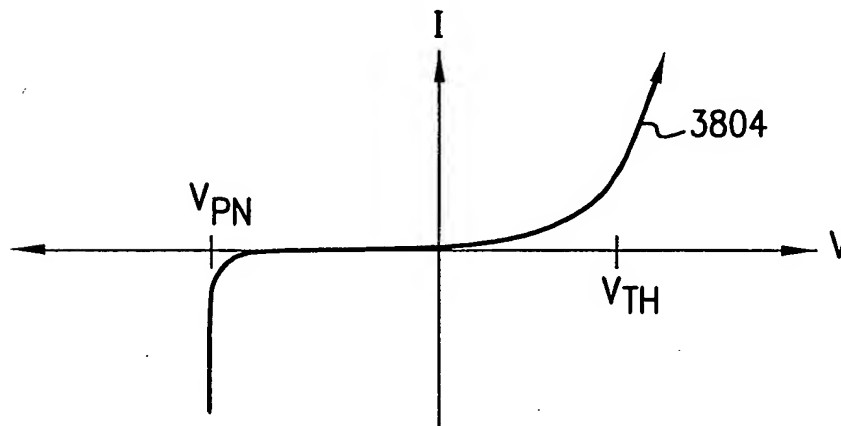


FIG. 38B

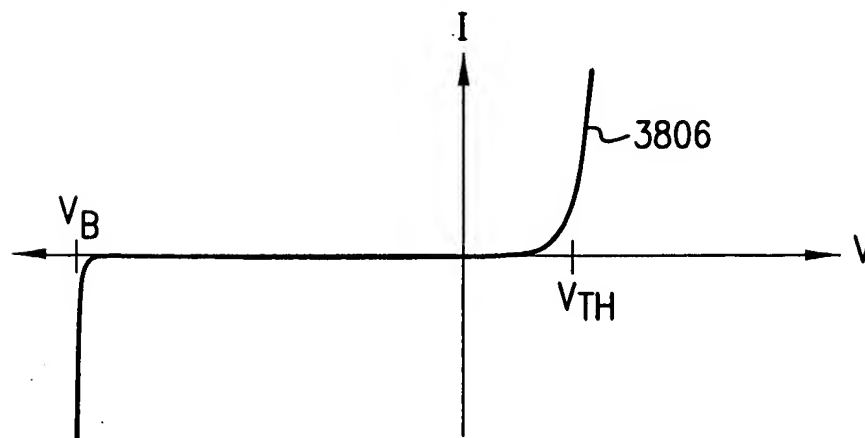


FIG. 38C

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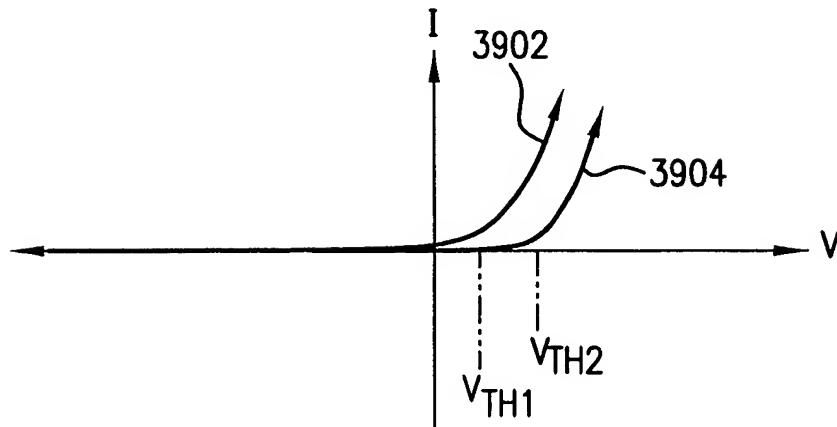


FIG.39



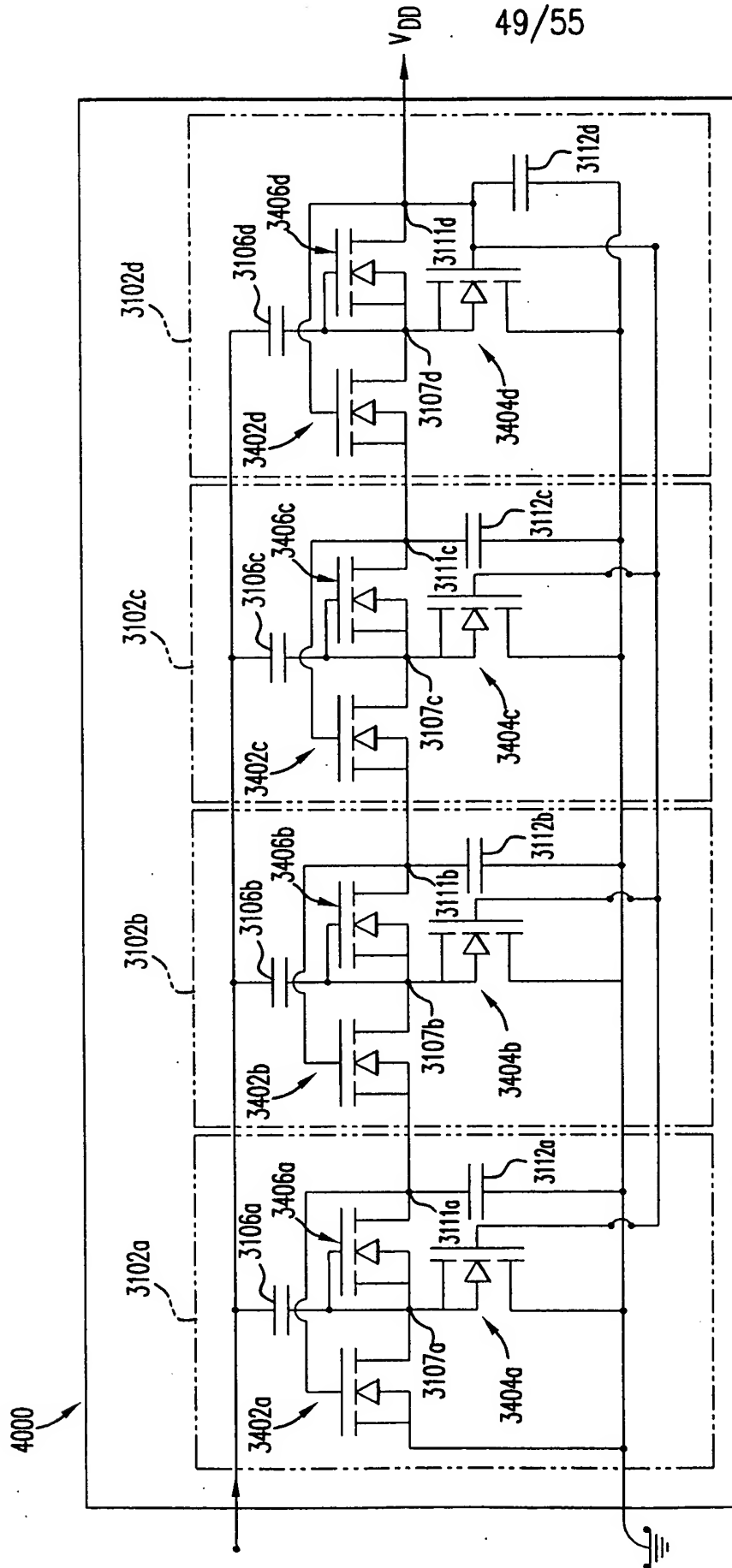


FIG. 40A

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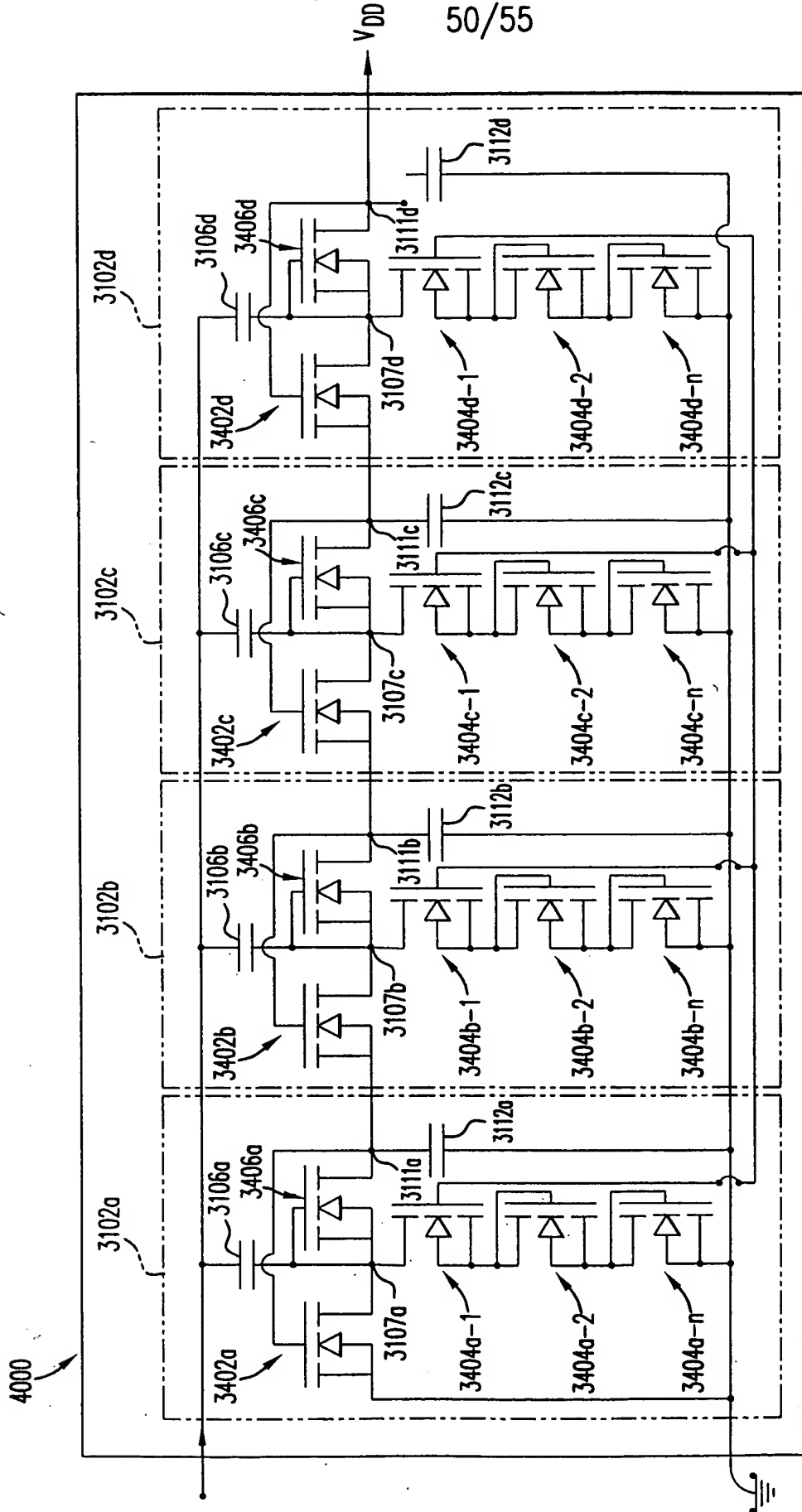


FIG. 40B

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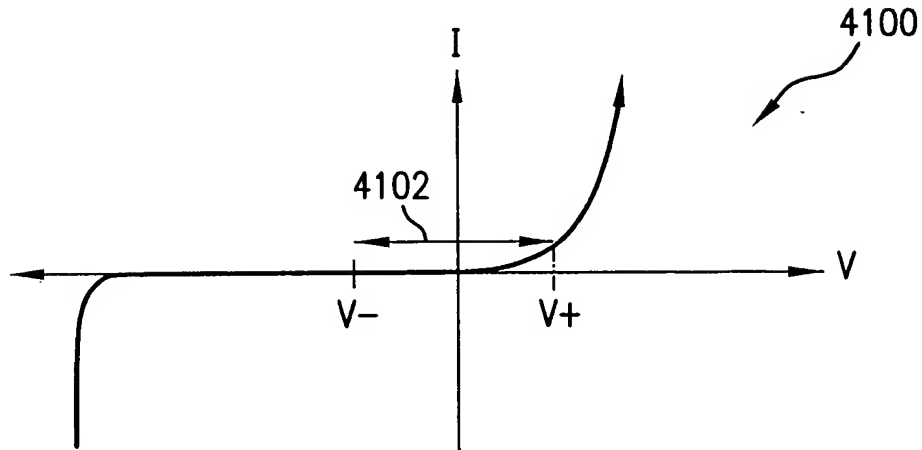


FIG. 41A

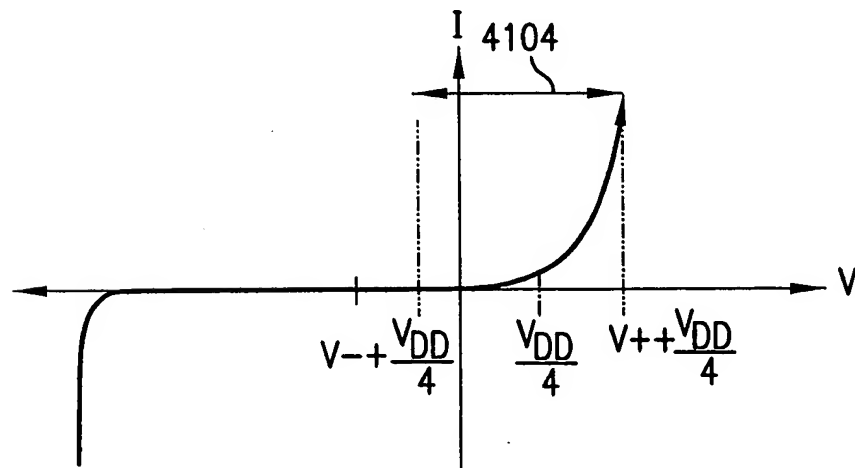


FIG. 41B

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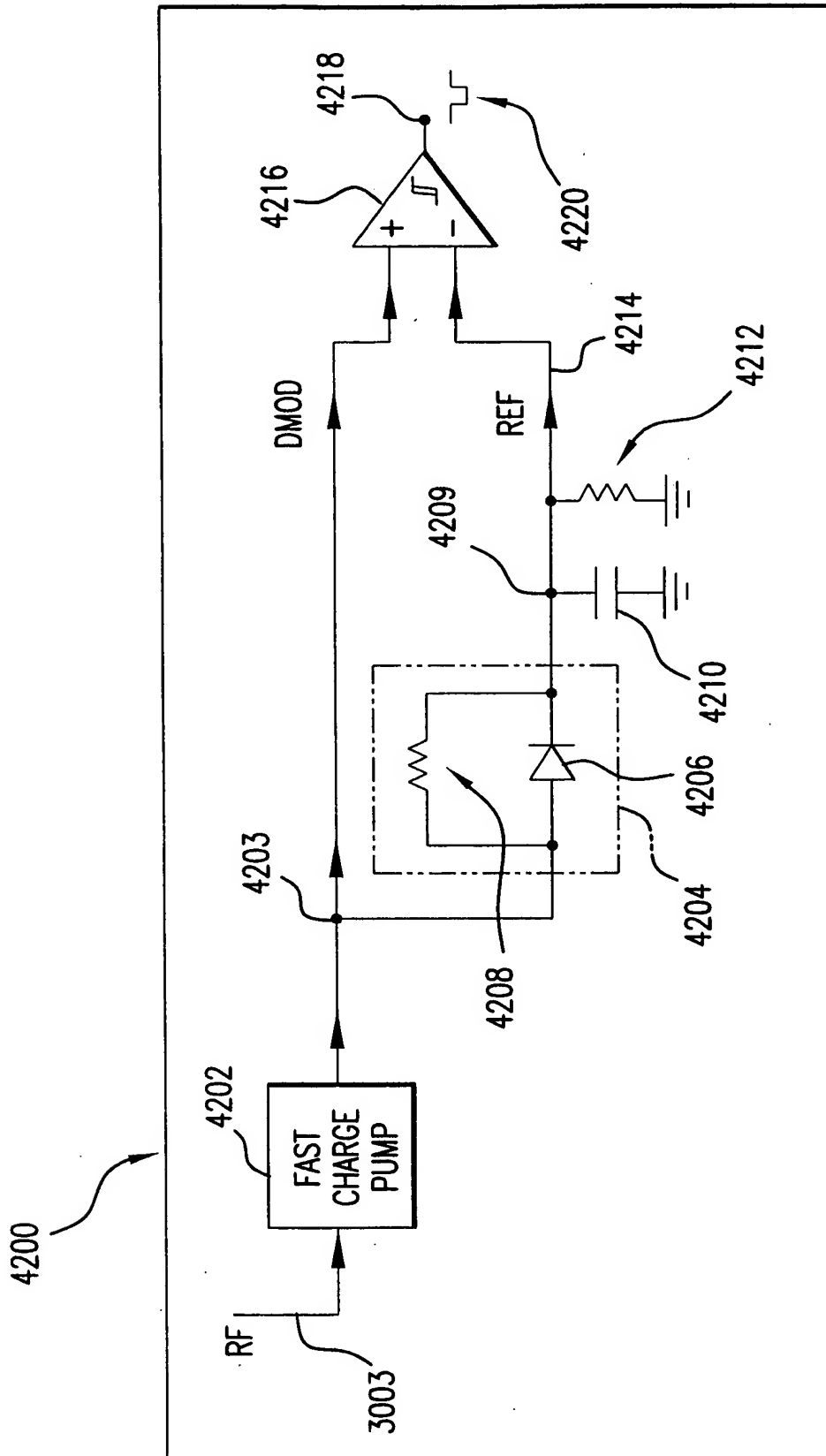


FIG.42

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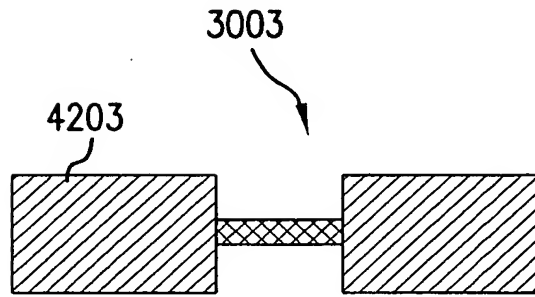


FIG. 43A

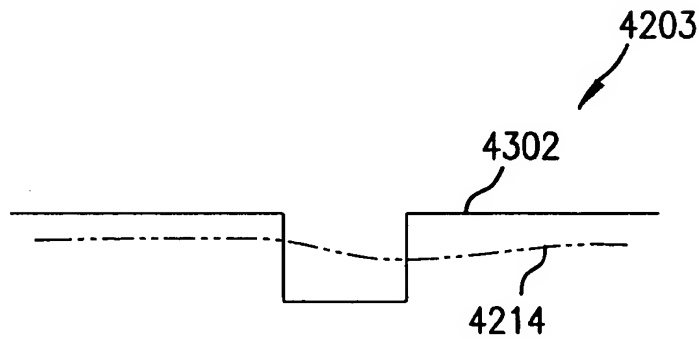


FIG. 43B

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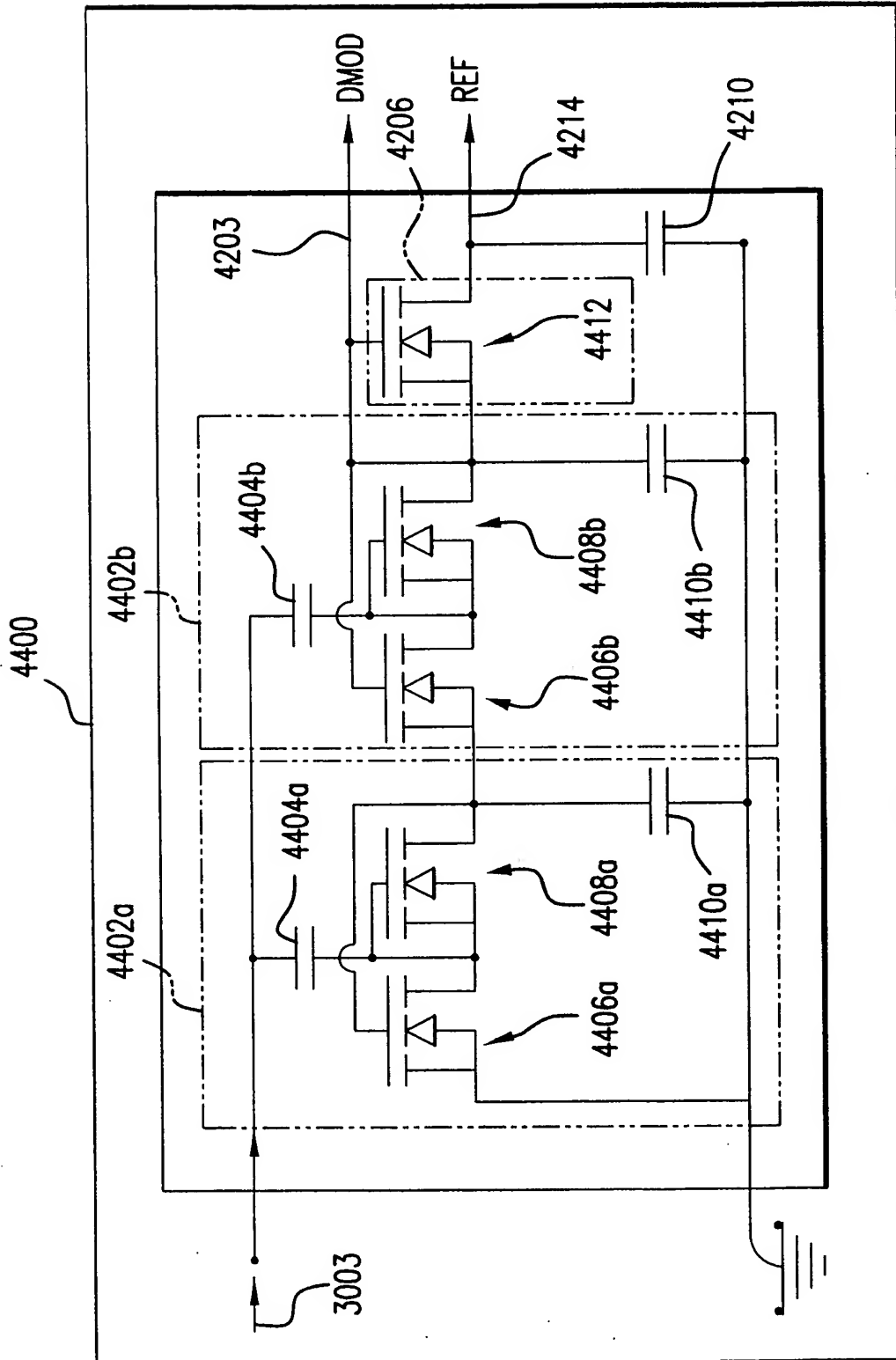


FIG. 44

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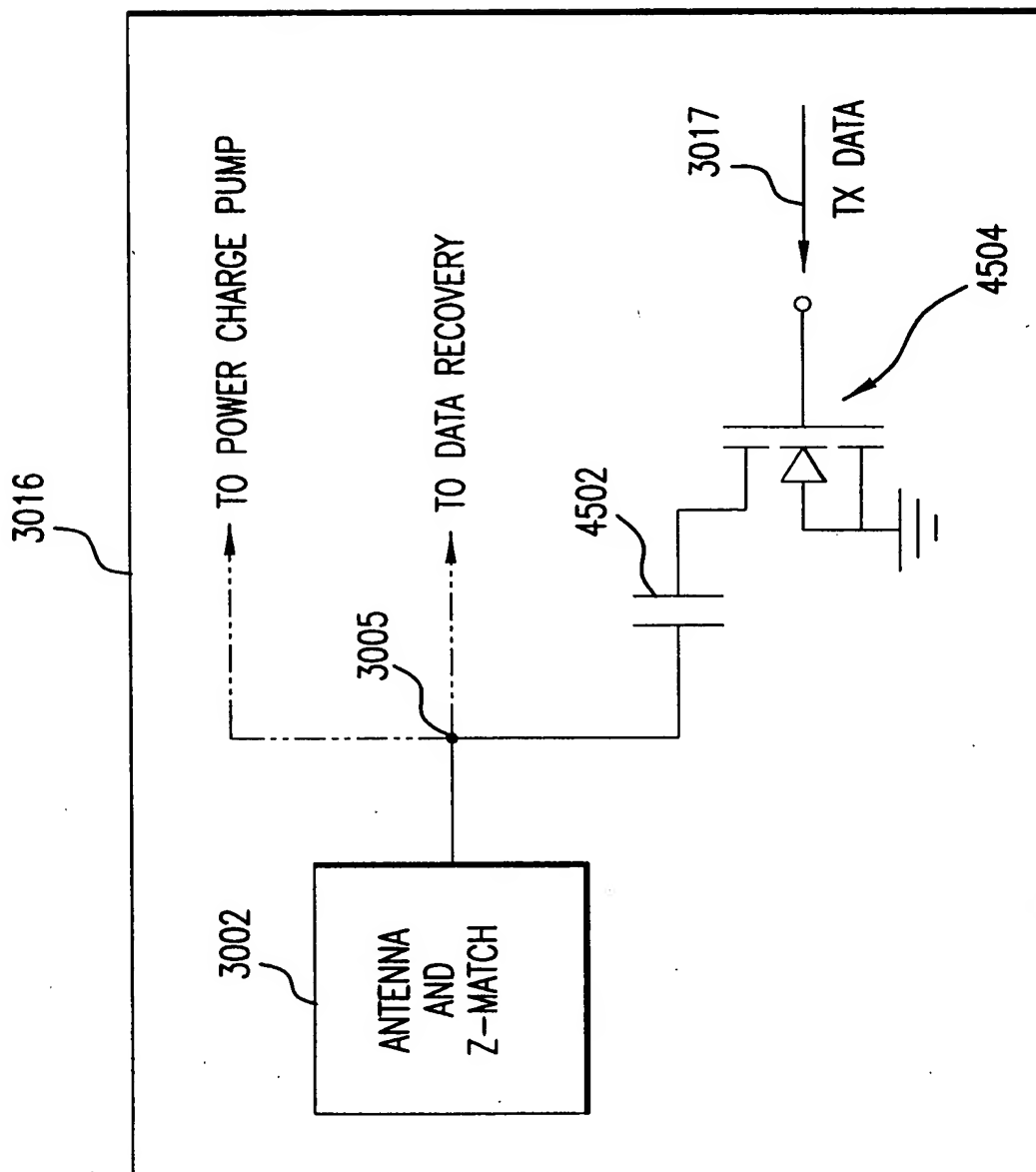


FIG. 45